

products  
catalogue



**entrechem**  
b i o t e c h n o l o g y



The products listed in this catalogue can be prepared in pilot scale since our processes are scalable.

Please contact us for custom synthesis of products not found here.

Our product catalogue is continuously expanding.  
Check our webpage for product updates!

[www.entrechem.com](http://www.entrechem.com)

We provide products on the following categories of compounds:

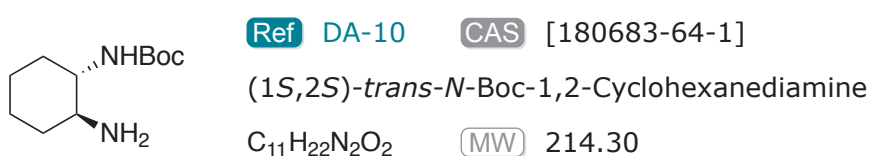
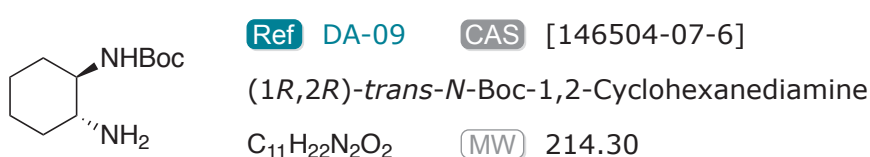
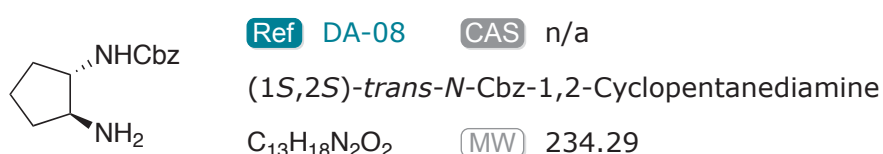
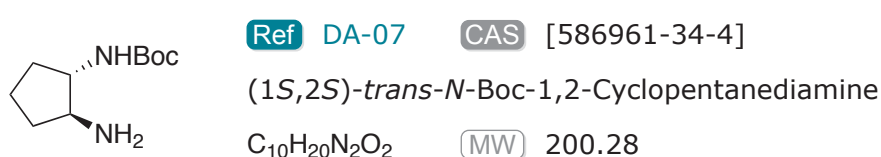
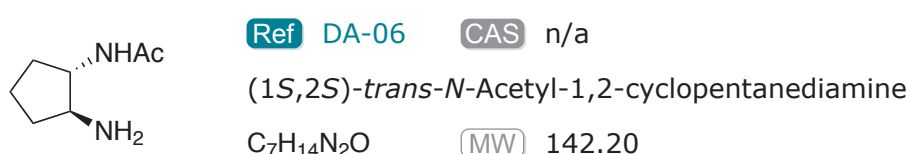
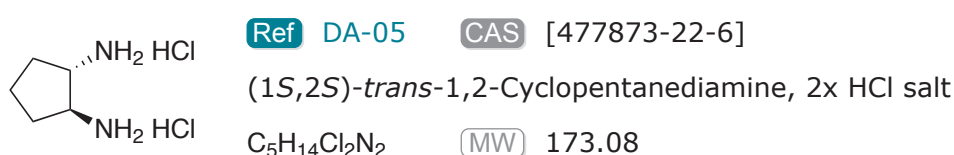
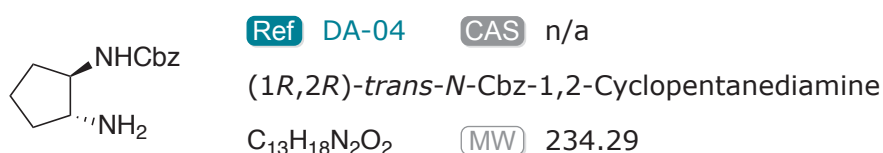
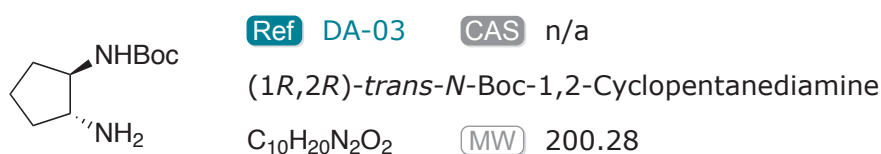
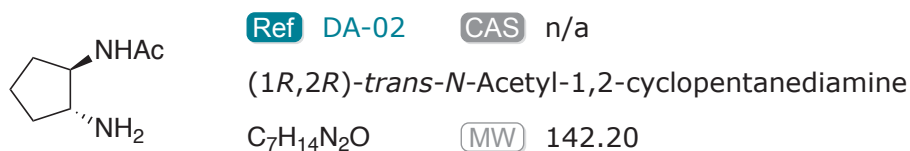
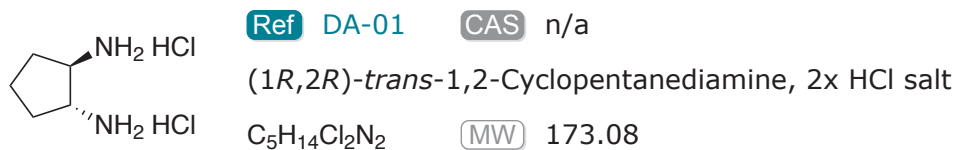
#### chiral building blocks

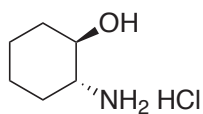
- |           |   |        |
|-----------|---|--------|
| <b>DA</b> | orthogonally protected enantiomerically pure chiral diamines .....      | Page 5 |
| <b>AA</b> | orthogonally protected enantiomerically pure chiral aminoalcohols ..... | Page 6 |
| <b>NU</b> | nucleoside building blocks .....  | Page 8 |

#### natural products / secondary metabolites

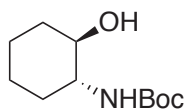
- |           |   |         |
|-----------|---|---------|
| <b>NP</b> | microbial natural products obtained from bacteria (actinomycetes, streptomycetes) ..... | Page 10 |
|-----------|---|---------|



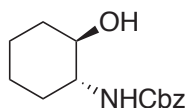




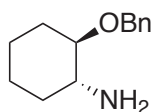
**Ref** AA-01    **CAS** [13374-31-7]  
 (1*R*,2*R*)-*trans*-2-Aminocyclohexanol, HCl salt  
 $C_6H_{14}ClNO$     **MW** 151.63



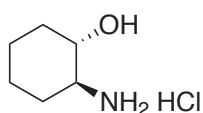
**Ref** AA-02    **CAS** [155975-19-2]  
 (1*R*,2*R*)-*trans*-*N*-Boc-2-Aminocyclohexanol  
 $C_{11}H_{21}NO_3$     **MW** 215.29



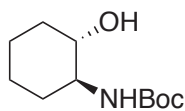
**Ref** AA-03    **CAS** [134108-76-2]  
 (1*R*,2*R*)-*trans*-*N*-Cbz-2-Aminocyclohexanol  
 $C_{14}H_{19}NO_3$     **MW** 249.31



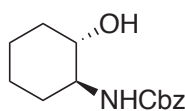
**Ref** AA-04    **CAS** [216394-06-8]  
 (1*R*,2*R*)-*trans*-2-Benzyloxycyclohexylamine  
 $C_{13}H_{19}NO$     **MW** 205.03



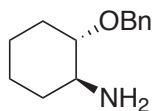
**Ref** AA-05    **CAS** [13374-30-6]  
 (1*S*,2*S*)-*trans*-2-Aminocyclohexanol, HCl salt  
 $C_6H_{14}ClNO$     **MW** 151.63



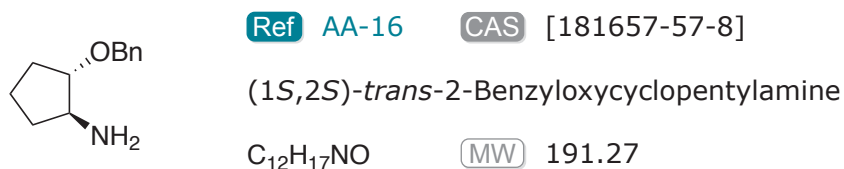
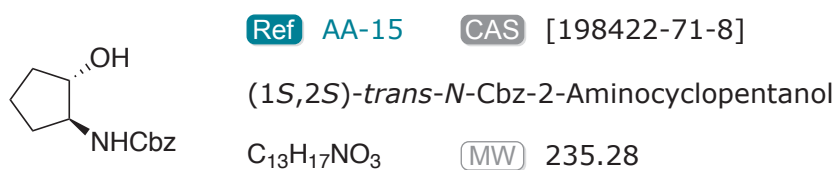
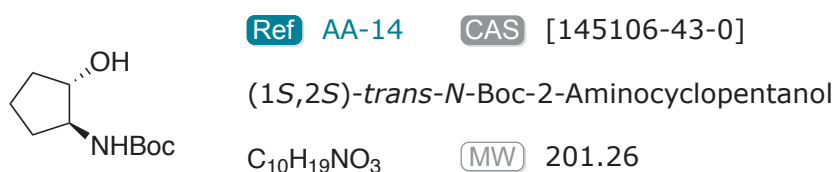
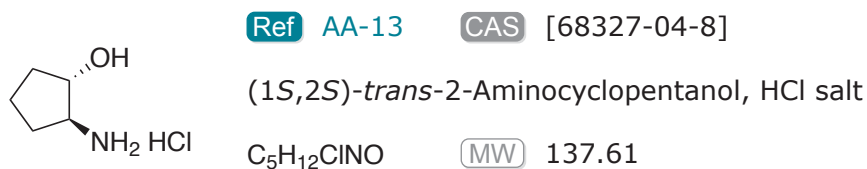
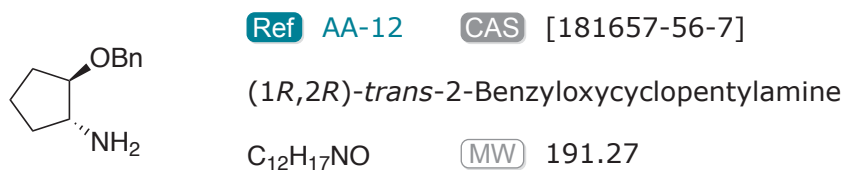
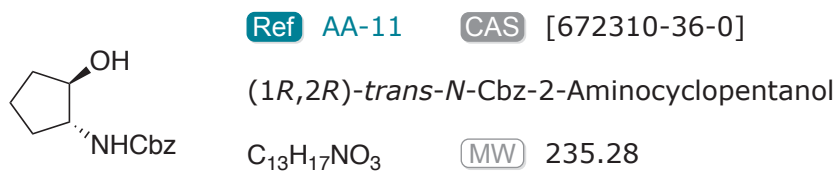
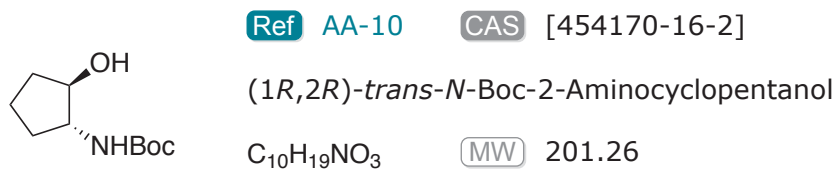
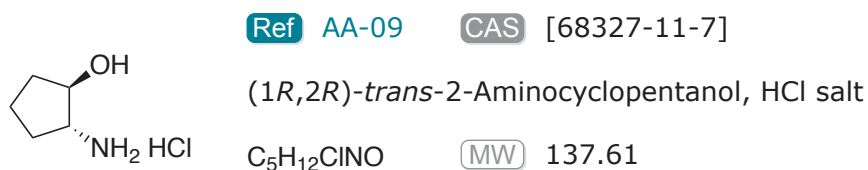
**Ref** AA-06    **CAS** [145166-06-9]  
 (1*S*,2*S*)-*trans*-*N*-Boc-2-Aminocyclohexanol  
 $C_{11}H_{21}NO_3$     **MW** 215.29

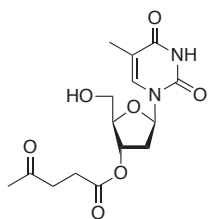


**Ref** AA-07    **CAS** [198422-64-9]  
 (1*S*,2*S*)-*trans*-*N*-Cbz-2-Aminocyclohexanol  
 $C_{14}H_{19}NO_3$     **MW** 249.31



**Ref** AA-08    **CAS** [216394-07-9]  
 (1*S*,2*S*)-*trans*-2-Benzyloxycyclohexylamine  
 $C_{13}H_{19}NO$     **MW** 205.03

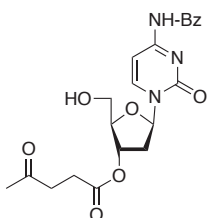




**Ref** NU-01 **CAS** [78635-98-0]

3'-*O*-Levulinoyl-thymidine

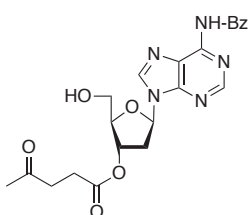
$C_{15}H_{20}N_2O_7$  **MW** 340.33



**Ref** NU-02 **CAS** [91592-66-4]

*N*<sup>4</sup>-Benzoyl-3'-*O*-levulinoyl-2'-deoxycytidine

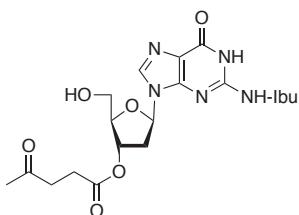
$C_{21}H_{23}N_3O_7$  **MW** 429.42



**Ref** NU-03 **CAS** [85231-45-4]

*N*<sup>6</sup>-Benzoyl-3'-*O*-levulinoyl-2'-deoxyadenosine

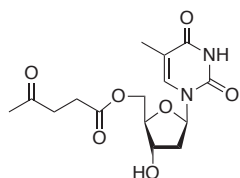
$C_{22}H_{23}N_5O_6$  **MW** 453.45



**Ref** NU-04 **CAS** [93134-41-9]

*N*<sup>2</sup>-Isobutyryl-3'-*O*-levulinoyl-2'-deoxyguanosine

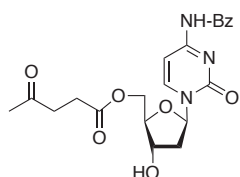
$C_{15}H_{17}N_4O_6$  **MW** 349.32



**Ref** NU-05 **CAS** [440327-46-8]

5'-*O*-Levulinoyl-thymidine

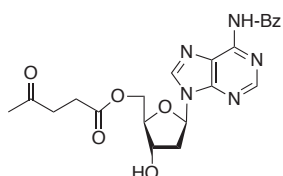
$C_{15}H_{20}N_2O_7$  **MW** 340.33



**Ref** NU-06 **CAS** [440327-47-9]

*N*<sup>4</sup>-Benzoyl-5'-*O*-levulinoyl-2'-deoxycytidine

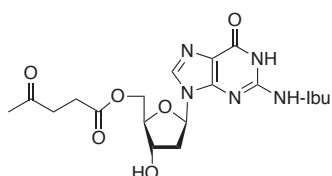
$C_{21}H_{23}N_3O_7$  **MW** 429.42



**Ref** NU-07 **CAS** [440327-48-0]

*N*<sup>6</sup>-Benzoyl-5'-*O*-levulinoyl-2'-deoxyadenosine

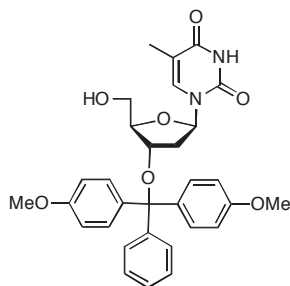
$C_{22}H_{23}N_5O_6$  **MW** 453.45



**Ref** NU-08 **CAS** [440327-49-1]

*N*<sup>2</sup>-Isobutyryl-5'-*O*-levulinoyl-2'-deoxyguanosine

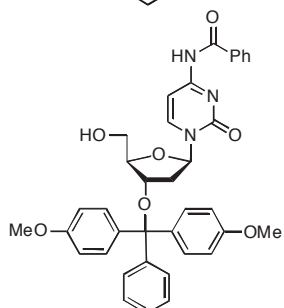
$C_{15}H_{17}N_4O_6$  **MW** 349.32



Ref NU-09 CAS [76054-81-4]

3'-O-(4,4'-Dimethoxytrityl)-2'-deoxythymidine

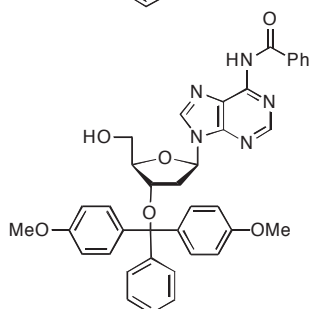
C<sub>31</sub>H<sub>32</sub>N<sub>2</sub>O<sub>7</sub> (MW) 544.59



Ref NU-10 CAS [140712-80-7]

N<sup>4</sup>-Benzoyl-3'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine

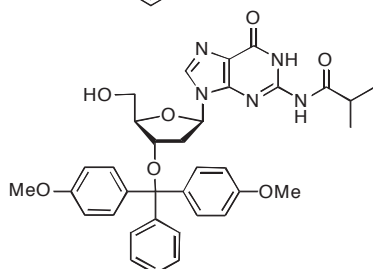
C<sub>37</sub>H<sub>35</sub>N<sub>3</sub>O<sub>7</sub> (MW) 633.69



Ref NU-11 CAS [140712-79-4]

N<sup>6</sup>-Benzoyl-3'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine

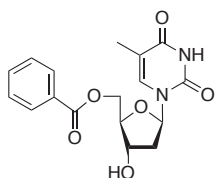
C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>6</sub> (MW) 657.71



Ref NU-12 CAS n/a

N<sup>2</sup>-Isobutyryl-3'-O-(4,4'-dimethoxytrityl)-2'-deoxyguanosine

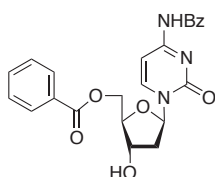
C<sub>35</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> (MW) 639.70



Ref NU-13 CAS [35898-29-4]

5'-O-Benzoylthymidine

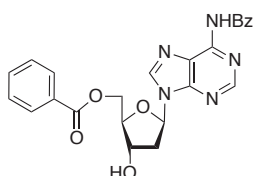
C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub> (MW) 346.33



Ref NU-14 CAS [4803-92-3]

N<sup>4</sup>, 5'-O-Dibenzoyl-2'-deoxycytidine

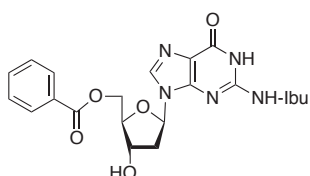
C<sub>23</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> (MW) 435.43



Ref NU-15 CAS [104769-16-6]

N<sup>6</sup>, 5'-O-Dibenzoyl-2'-deoxyadenosine

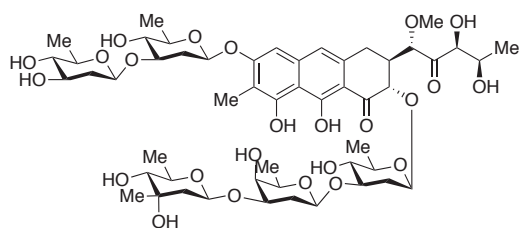
C<sub>24</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> (MW) 459.45



Ref NU-16 CAS [104769-15-5]

N<sup>2</sup>-Isobutyryl-5'-O-benzoyl-2'-deoxyguanosine

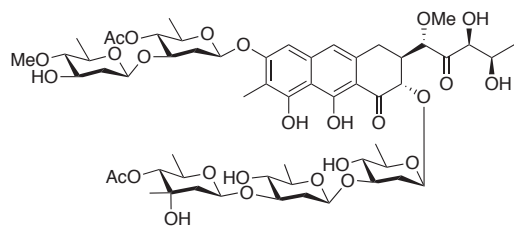
C<sub>17</sub>H<sub>15</sub>N<sub>4</sub>O<sub>5</sub> (MW) 441.44



Ref NP-01 CAS [18378-89-7]

Mithramycin  
(plicamycin, aureolic acid)

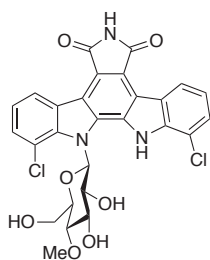
C<sub>52</sub>H<sub>76</sub>O<sub>24</sub> MW 1085.15



Ref NP-02 CAS [7059-24-7]

Chromomycin A3  
DNA intercalator

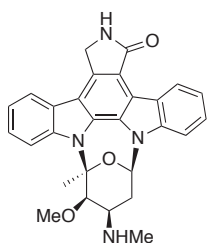
C<sub>57</sub>H<sub>82</sub>O<sub>26</sub> MW 1183.25



Ref NP-03 CAS [93908-02-2]

Rebeccamycin  
topoisomerase inhibitor

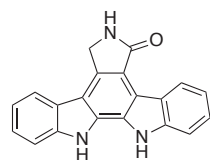
C<sub>27</sub>H<sub>21</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>7</sub> MW 570.38



Ref NP-04 CAS [62996-74-1]

Staurosporine  
indolocarbazole

C<sub>28</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub> MW 466.53



Ref NP-05 CAS [85753-43-1]

k252c (staurosporine aglicon)  
kinase inhibitor

C<sub>20</sub>H<sub>13</sub>N<sub>3</sub>O MW 311.34





Edif. Científico Tecnológico  
Campus «El Cristo»  
33006 Oviedo (Asturias)  
S P A I N

Tel. (+34) 985 259 021  
Fax. (+34) 985 103 686

[www.entrechem.com](http://www.entrechem.com)  
[info@entrechem.com](mailto:info@entrechem.com)