R-(-)-Rolipram

PDE inhibitor

R-enantiomer of rolipram which is more active at inhibition of PDE IV, K_i =06 μM. 10-fold more active than S-rolipram at inhibition of PDE IV. Inhibits antigen-induced contraction of guinea-pig colonic smooth muscle, EC_{50} =0.1 μM.

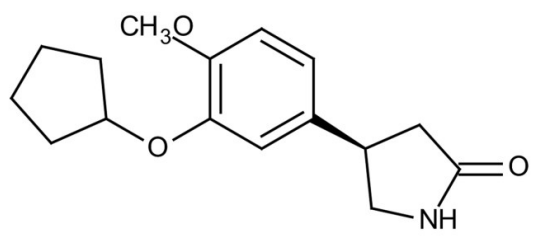
Ordering Information

Order Online »

BML-PD177-0005	5mg

Manuals, SDS & CofA

View Online »

CH3O
O
O
NH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	R-(-)-4-[3-(Cyclopentyloxy)-4-methoxyphenyl]-2-pyrrolidinone
Appearance	White to off-white solid.
CAS	85416-75-7
Couple Target	PDE
Couple Type	Inhibitor
Formula	$C_{16}H_{21}NO_3$
Identity	Determined by 1H-NMR and MS.
MW	275.4
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO.

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