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DATASHEET

(S)-(+)-Rolipram

Product overview

Name	(S)-(+)-Rolipram
Cat No	HB2897
Biological action	Inhibitor
Description	PDE4 inhibitor. Less potent enantiomer of Rolipram.

Biological Data

Biological description	Less potent enantiomer of Rolipram. Selective phosphodiesterase PDE4 inhibitor (IC ₅₀ values are 0.58 and 0.75 μ M for membrane-bound PDE4 and cytosolic PDE4 respectively).
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (100 mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(4S)-4-[3-(Cyclopentyloxy)-4-methoxyphenyl]pyrrolidin-2-one
Molecular Weight	275.35
Molecular Formula	C ₁₆ H ₂₁ NO ₃
CAS Number	85416-73-5
PubChem identifier	158758
SMILES	<chem>COc1ccc(cc1OC2CCCC2)[C@H]3CNC(=O)C3</chem>