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DATASHEET

Cyclosporin D

Product overview

Name	Cyclosporin D
Cat No	HB3860
Purity	>97%
Description	Calcineurin inhibitor. Potent inhibitor of tumor promoting phorbol ester (TPA/PMA) effects.

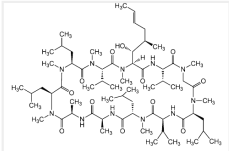
Biological Data

Biological description	Potent inhibitor of tumor promoting phorbol ester TPA/PMA effects in vivo. Antifungal. Moderate immunosuppressant. Calcineurin inhibitor with lower activity than Cyclosporin A. Moderate inhibitor of formyl peptide-induced superoxide formation.
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Solubility & Handling

Storage instructions	+4 °C
Storage of solutions	Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.
Shipping Conditions Important	Stable for ambient temperature shipping. Follow storage instructions on receipt. This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	1216.7
Chemical structure	
CAS Number	63775-96-2
PubChem identifier	0
SMILES	<chem>C/C=C/C[C@@H](C)[C@@H](O)C1N(C)C(=O)[C@H](C(C)C)N(C)C(=O)[C@H](CC(C)C)N(C)C(=O)[C@H](CC(C)C)N(C)C(=O)[C@H](C)NC(=O)[C@H](C)NC(=O)[C@H](CC(C)C)N(C)C(=O)[C@@H](NC(=O)[C@H](CC(C)C)N(C)C(=O)CN(C)C(=O)[C@@H](NC1=O)C(C)C)C(C)C</chem>
InChiKey	ZNVBEWJRWHNZMK-AHWIEGLVSA-N
Appearance	White solid