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DATASHEET

EM574

Product overview

Name	EM574
Cat No	HB3887
Purity	>95%
Description	Motilin receptor agonist

Biological Data

Biological description	Shows strong gastrointestinal motor stimulating (GMS) activity. Motilin receptor agonist. Stimulates smooth muscle cell contraction. Stimulates cholinergic neurons in a non-vagal pathway. Enhances gastrointestinal contractile activity and accelerates gastric emptying. Shows orexigenic activity with affinity for the growth-hormone secretagogue receptor (GHS-R, ghrelin receptor).
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Solubility & Handling

Storage instructions	+4 °C
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

Molecular Weight	744
Chemical structure	
CAS Number	110480-13-2
PubChem identifier	0
SMILES	<chem>CC[C@H]1OC(=O)[C@H](C)[C@@H](O[C@H]2C[C@@](C)(OC)[C@@H](O)[C@H](C)O2)[C@H](C)[C@@H](O[C@@H]3O[C@H](C)C[C@@H]([C@H]3O)N(C)C(C)C)[C@@]4(C)CC(=C(O4)[C@H](C)[C@@H](O)[C@]1(C)O)C</chem>
InChiKey	FPBKIOZMKHHNLL-FMUXYZBNSA-N
Appearance	White to off-white powder