

Hello Bio, Inc.  
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## DATASHEET

EM574

### Product overview

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

### Biological Data

<b>Biological description</b>	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

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Molecular Weight</b>	744
<b>Chemical structure</b>	
<b>CAS Number</b>	110480-13-2
<b>PubChem identifier</b>	0
<b>SMILES</b>	<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>
<b>InChiKey</b>	FPBKIOZMKHHNLL-FMUXYZBNSA-N
<b>Appearance</b>	White to off-white powder