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DATASHEET

BQ-3020

Product overview

Name	BQ-3020
Cat No	HB3570
Biological description	Highly potent, selective ET _B receptor agonist (K _i values are 0.18 and 970 nM at hET _B and hET _A receptors respectively).
Biological action	Agonist
Purity	>95%
Description	Selective ET _B receptor agonist

Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in 0.03M aqueous sodium bicarbonate (0.5 mg/ml)
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	LMDKEAVYFAHLDIIW (modifications: Leu-1 = N-terminal Ac)
Molecular Weight	2006.35
Chemical structure	
Molecular Formula	C ₉₆ H ₁₄₀ N ₂₀ O ₂₅ S
Sequence (one letter)	LMDKEAVYFAHLDIIW
Modifications	Leu-1 = N-terminal Ac
CAS Number	143113-45-5
PubChem identifier	16178853
SMILES	<chem>CC[C@H](C)[C@@H](C(=O)N[C@@H]([C@@H](C)CC)C(=O)N[C@@H](CC1=CNC2=CC=CC=C21)C(=O)O)NC(=O)[C@H](CC(=O)O)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CC3=CNC=N3)NC(=O)[C@H](C)NC(=O)[C@H](CC4=CC=CC=C4)NC(=O)[C@H](CC5=CC=C(C=C5)O)NC(=O)[C@H](C(C)C)NC(=O)[C@H](C)NC(=O)[C@H](CCC(=O)O)NC(=O)[C@H](CCCCN)NC(=O)[C@H](CC(=O)O)NC(=O)[C@H](CCSC)NC(=O)[C@H](CC(C)C)NC(=O)C</chem>
InChiKey	AYJUXFCWNAVJLN-FHOIYVHLSA-N