

Product Datasheet

Endomorphin 1 acetate (orb1744910)

Catalog Number	orb1744910
Category	Small Molecules
Description	Endomorphin-1 acetate is a potent and selective μ -opioid receptor agonist with significant affinity for the kappa3 site. It is a valuable research tool for investigating pain mechanisms and analgesia in both in vitro binding assays and in vivo models of nociception.
Target	Opioid Receptor
Purity	99.74%
MW	670.75
Target Areas	Opioid Receptor
Solubility (25°C)	DMSO:100 mg/mL (149.09 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (5.96 mM)
CAS Number	1276123-71-7
Formula	C ₃₆ H ₄₂ N ₆ O ₇
SMILES	<chem>C(C)(O)=O.C([C@H](NC(=O)[C@H]1N(C([C@H](CC2=CC=C(O)C=C2)N)=O)CCC1)C(N[C@@H](CC3=CC=CC=C3)C(N)=O)=O)C=4C=5C(NC4)=CC=CC5</chem>
Storage	keep away from moisture,store at low temperature,keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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