

Product Datasheet

D-Ala-Gly-Phe-Met-NH₂ monoacetate (orb1981147)

Catalog Number	orb1981147
Category	Proteins
Description	D-Ala-Gly-Phe-Met-NH ₂ monoacetate is a synthetic opioid peptide and a potent δ-opioid receptor agonist. It is widely used in pharmacological research to study receptor function and signaling pathways in both in vitro binding assays and in vivo models of pain and behavior.
Target	Opioid Receptor
MW	483.58
CAS Number	100929-65-5
Formula	C ₂₁ H ₃₃ N ₅ O ₆ S
SMILES	<chem>CC(O)=O.CSCC[C@H](NC(=O)[C@@H](Cc1cccc1)NC(=O)CNC(=O)[C@@H](C)N)C(N)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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