

Product Datasheet

Insecticidal agent 10 (orb2564429)

Catalog Number	orb2564429
Category	Small Molecules
Description	This potent chitinase inhibitor targets OfChi-h and OfChtI with IC50 values of 1.51 and 9.21 nM, respectively. It demonstrates insecticidal activity against <i>Ostrinia furnacalis</i> with an LC50 of 22.14 mg/L, making it a valuable research tool for studying chitin metabolism and developing novel pest control strategies in vitro and in vivo.
Target	Parasite
MW	353.38
CAS Number	3026314-21-3
Formula	C ₁₈ H ₁₉ N ₅ O ₃
SMILES	<chem>O=C(NC(=N)NCCCN1C(=O)C=2C=CC=C3C=CC=C(C1=O)C32)NC</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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