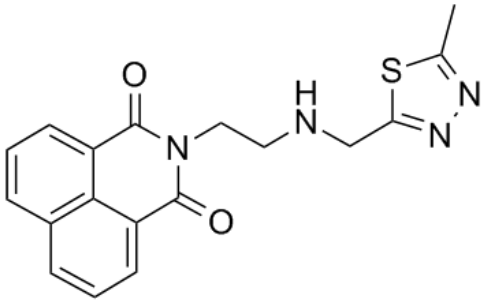
Product Data Sheet

Product Name: Chitinase-IN-1
Cat. No.: GC35676

Chemical Properties

Cas. No.	1579991-61-9		
SMILES	O=C(C1=CC=CC2=C1C3=CC=C2)N(CCNCC4=NN=C(C)S4)C3=O		
Formula	$C_{18}H_{16}N_4O_2S$	M.Wt	352.41
Solubility	DMSO: 50 mg/mL (141.88 mM)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

Product Data Sheet

Chitinase-IN-1 is a insect chitinase and N- acetyl hexosaminidase inhibitor and pesticide; 50 uM/20 uM compound concentration's inhibitory percentage are 75%/67% for chitinase/N- acetyl-hexosaminidase respectively.

[1]. thalimide derivative and application thereof as enzyme inhibitor and pesticide . Patent CN 103641825 A

Caution: Product has not been fully validated for medical applications. For research use only.
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