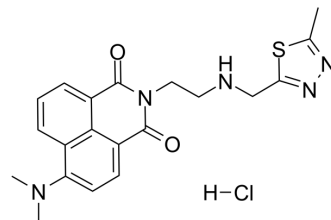


Chitinase-IN-2 hydrochloride

Cat. No.:	HY-18599A
CAS No.:	2070014-83-2
Molecular Formula:	C ₂₀ H ₂₂ ClN ₅ O ₂ S
Molecular Weight:	431.94
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (115.76 mM; Need ultrasonic)
 DMSO : ≥ 46 mg/mL (106.50 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.3151 mL	11.5757 mL	23.1514 mL
	5 mM		0.4630 mL	2.3151 mL	4.6303 mL
	10 mM		0.2315 mL	1.1576 mL	2.3151 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Chitinase-IN-2 hydrochloride is a insect chitinase and N- acetyl hexosaminidase inhibitor and pesticide; 50 uM/20uM compound concentration's inhibitory percentage are 98%/92% for chitinase/N- acetyl-hexosaminidase respectively.

CUSTOMER VALIDATION

- Neuroscience. 2017 May 10;355:61-70.

See more customer validations on www.MedChemExpress.com

REFERENCES

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

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