

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

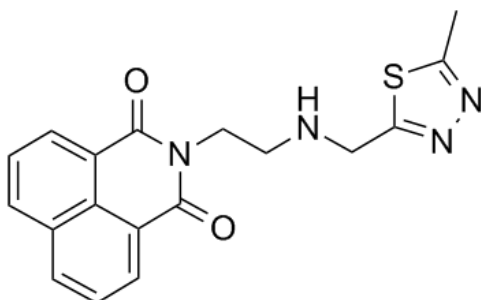
Formula $C_{18}H_{16}N_4O_2S$ M.Wt 352.41

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

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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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

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