

Chymase-IN-1

Catalog No: tcsc0018420



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

862090-74-2

Formula:

$C_{20}H_{15}ClNO_4PS$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

431.83

Product Description

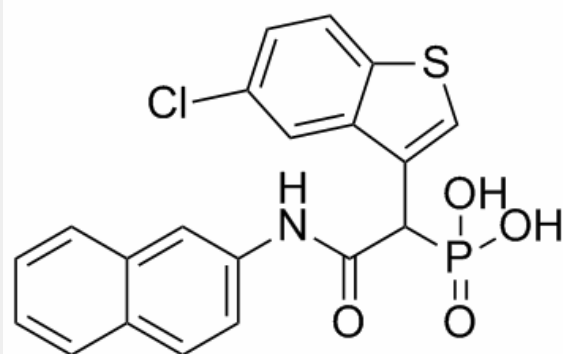
Chymase-IN-1 is a potent, selective, orally active, nonpeptide inhibitor of human mast cell **chymase** with an **IC₅₀** of 29 nM.

IC50 & Target: IC50: 29 nM (chymase)^[1]

In Vitro:

Chymase-IN-1 (compound 5f) is a potent, selective, orally active, nonpeptide inhibitor of human mast cell chymase with an IC_{50} of 29 nM. Results demonstrate that Chymase-IN-1 has a chymase K_i value of 36 nM and a Cat G K_i value of 9500 nM^[1].

In Vivo: Chymase-IN-1 exhibits low oral bioavailability in rats ($F=3\%$; oral $t_{1/2}=1.8$ h)^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!