Product Data Sheet

Product Name: MptpB-IN-1
Cat. No.: GC64709

Chemical Properties

Cas. No.	2244622-44-2		
Formula	C17H11Cl2NO4	M.Wt	364.18
Solubility		Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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	MptpB-IN-1		

Background

MptpB-IN-1 (Compound 13) is a potent and orally active inhibitor of MptpB. Mycobacterium tuberculosis protein-tyrosine-phosphatase B (MptpB) is a secreted virulence factor that subverts antimicrobial activity in the host. MptpB-IN-1 reduces multidrug-resistant mycobacterium tuberculosis survival and infection burden[1].

[1]. Vickers CF, et al. Structure-Based Design of MptpB Inhibitors That Reduce Multidrug-Resistant Mycobacterium tuberculosis Survival and Infection Burden in Vivo. J Med Chem. 2018;61(18):8337-8352.

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