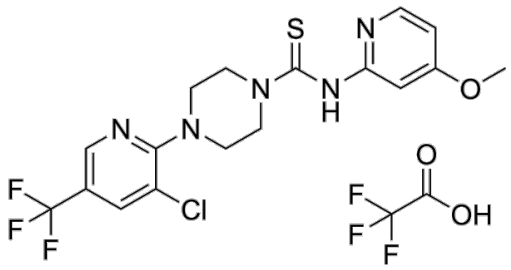
Product Data Sheet

Product Name: ML267
Cat. No.: GC70786

Chemical Properties

Cas. No.	1542213-67-1		
Formula	$C_{19}H_{18}ClF_6N_5O_3S$	M.Wt	545.89
Solubility		Storage	
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

ML267 a potent Sfp phosphopantetheinyl transferase (PPTases) inhibitor with an IC50 of 0.29 μM. ML267 also inhibits AcpS-PPTase with an IC50 of 8.1 μM. ML267 possesses specific Gram-positive-targeted bactericidal activities.

References:

[1]. Foley TL, et al. J. 4-(3-Chloro-5-(trifluoromethyl)pyridin-2-yl)-N-(4-methoxypyridin-2-yl)piperazine-1-carbothioamide (ML267), a potent inhibitor of bacterial phosphopantetheinyl transferase that attenuates secondary metabolism and thwarts bacterial growth. J Med Chem. 2014 Feb

Caution: Product has not been fully validated for medical applications. For research use only.
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13;57(3):1063-78.