

Product Data Sheet

Product Name: ML267
Cat. No.: GC70786

Chemical Properties

Cas. No. 1542213-67-1

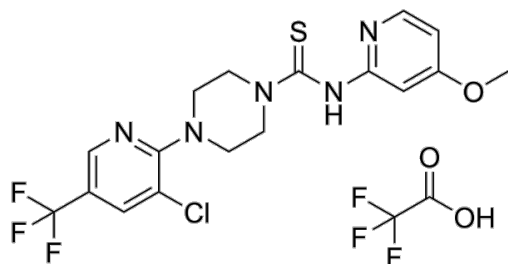
Formula $C_{19}H_{18}ClF_6N_5O_3S$ M.Wt 545.89

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 is a potent Sfp phosphopantetheinyl transferase (PPTase) inhibitor with an IC_{50} of 0.29 μ M. ML267 also inhibits AcpS-PPTase with an IC_{50} of 8.1 μ M. 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.

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