Product Data Sheet

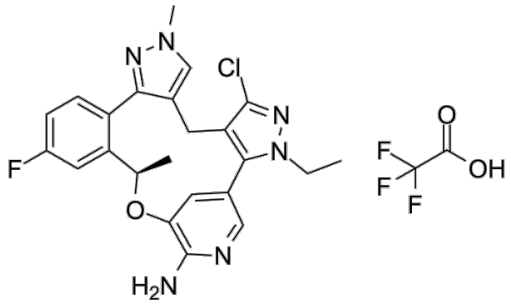
Product Name: Neladalkib TFA
Cat. No.: GC73649

Chemical Properties

Cas. No.

Formula	$C_{25}H_{23}ClF_4N_6O_3$	M.Wt	566.94
Solubility	DMSO : 100 mg/mL (176.39 mM; Need ultrasonic)	Storage	-20°C, sealed storage, away from moisture and light
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

Neladalkib TFA is the TFA form of Neladalkib . Neladalkib (NVL-655) is a potent ALK inhibitor. Neladalkib shows antitumor activity. Neladalkib has an IC50 of 2.7 nM for Ba/F3 CLIP1-LTK cells.

References:
[1]. Jennifer Anne Green, et al. Methods of treating solid tumor using (19r)-5-chloro-3-etl-16-fluoro-10,19-dimetl-20-oxa-3,4,10,11,23-pentaazapentacyclo[19.3.1.02,6.08,12.013,18]pentacosa-1(24),2(6),4,8,11,13,15,17,21(25),22-decaen-22-amine. WO2023196910A1. [2]. Lin JJ, Horan JC,

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Tangpeerachaikul A, et al. NVL-655 Is a Selective and Brain-Penetrant Inhibitor of Diverse ALK-Mutant Oncoproteins, Including Lorlatinib-Resistant Compound Mutations. Cancer Discov.

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