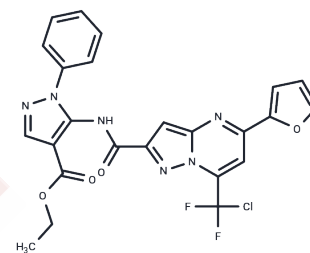


Mycro 3

Chemical Properties

CAS No. :	944547-46-0
Formula:	C ₂₄ H ₁₇ ClF ₂ N ₆ O ₄
Molecular Weight:	526.88
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Mycro 3 is potent and selective for c-Myc in whole cell assays.
Targets(IC50)	Autophagy,c-Myc
In vitro	Mycro 3 inhibits the interaction between c-Myc and Max. Mycro 3 has high selectivity and inhibits c-Myc/Max dimerization and conjugation with DNA. Mycro 3 is potent and selective for c-Myc in whole cell assays, with weak inhibitory activity against Activator protein 1 (AP-1), Mycro 3 has a superior specificity profile to its predecessors.

Solubility Information

Solubility	DMSO: 55 mg/mL (104.39 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.898 mL	9.4898 mL	18.9797 mL
5 mM	0.3796 mL	1.898 mL	3.7959 mL
10 mM	0.1898 mL	0.949 mL	1.898 mL
50 mM	0.038 mL	0.1898 mL	0.3796 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Chen BJ, et al. Small molecules targeting c-Myc oncogene: promising anti-cancer therapeutics. Int J Biol Sci. 2014 Sep 13;10(10):1084-96.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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