

Product Data Sheet

Product Name: Mycro 3
Cat. No.: GC34094

Chemical Properties

Cas. No. 944547-46-0

SMILES O=C(C1=C(NC(C2=NN3C(C(F)(Cl)F)=CC(C4=CC=CO4)=NC3=C2)=O)N(C5=CC=CC=C5)N=C1)OCC

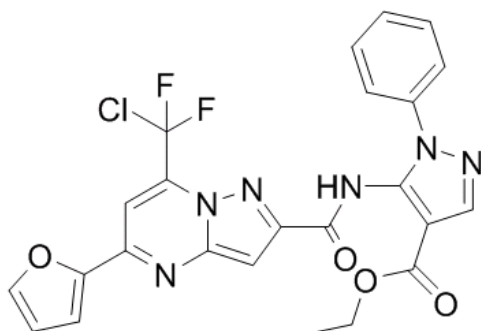
Formula $C_{24}H_{17}ClF_2N_6O_4$ M.Wt 526.88

Solubility DMSO : ≥ 100 mg/mL (189.80 mM) Storage Store at -20°C

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



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

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Background

Mycro 3 is potent and selective for c-Myc in whole cell assays.

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. 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[1].

[1]. 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.

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