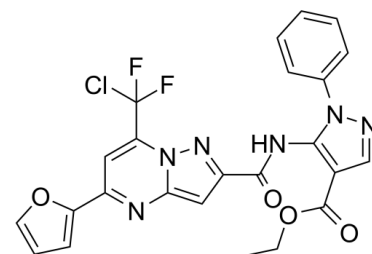


Data Sheet

Product Name:	Mycro 3
Cat. No.:	CS-7586
CAS No.:	944547-46-0
Molecular Formula:	C ₂₄ H ₁₇ ClF ₂ N ₆ O ₄
Molecular Weight:	526.88
Target:	Autophagy; c-Myc
Pathway:	Apoptosis; Autophagy
Solubility:	DMSO : ≥ 100 mg/mL (189.80 mM)



BIOLOGICAL ACTIVITY:

Mycro 3 is a potent and selective **c-Myc** inhibitor in whole cell assays. IC₅₀ & Target: c-Myc^[1] **In Vitro:** Mycro 3 is a potent and selective c-Myc inhibitor 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].

References:

[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.

CAIndexNames:

1H-Pyrazole-4-carboxylic acid, 5-[[[7-(chlorodifluoromethyl)-5-(2-furanyl)pyrazolo[1,5-a]pyrimidin-2-yl]carbonyl]amino]-1-phenyl-, ethyl ester

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

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA