Creative Enzymes®

INK 128 (MLN0128)

Cat. No. CEI-0859

Lot. No. (See product label)

Introduction

Description	INK 128 is a potent and selective mTOR inhibitor with IC50 of 1 nM; >200-fold less potent to class I PI3K isoforms, superior in blocking mTORC1/2 and sensitive to pro-invasion genes (vs Rapamycin). Phase 1.

Product Information

CAS No.	1224844-38-5
Molecular Formula	C15H15N7O
Chemical Name	3-(2-aminobenzo[d]oxazol-5-yl)-1-isopropyl-1H-pyrazolo[3,4-d]pyrimidin-4-amine
Molecular Weight	309.33
Targets	mTOR
IC50	1 nM
Solubility	DMSO 62 mg/mL; Water <1 mg/mL; Ethanol 2 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.