Creative Enzymes®

WYE-125132(WYE-132)

Cat. No. CEI-0844

Lot. No. (See product label)

Introduction

Description	WYE-125132 is a highly potent, ATP-competitive mTOR inhibitor with IC50 of 0.19 nM; highly selective for mTOR versus PI3Ks or PI3K-related kinases hSMG1 and ATR.

Product Information

CAS No.	1144068-46-1
Molecular Formula	C27H33N7O4
Chemical Name	Urea, N-[4-[1-(1,4-dioxaspiro[4.5]dec-8-yl)-4-(8-oxa-3-azabicyclo[3.2.1]oct-3-yl)-1H-pyrazolo[3,4-d]pyrimidin-6-yl]phenyl]-N'-methyl-
Molecular Weight	519.6
Targets	mTOR
IC50	0.19 nM
Solubility	DMSO 104 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

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