Creative Enzymes®

PF-4708671

Cat. No. CEI-0865

Lot. No. (See product label)

Introduction

Description	PF-4708671 is a cell-permeable inhibitor of p70 ribosomal S6 kinase (S6K1 isoform) with Ki/IC50 of 20 nM/160 nM, 400-fold greater selectivity for S6K1 than S6K2, and 4- and >20-fold selectivity FOR S6K1than MSK1 and RSK1/2, respectively. First S6K1-specific inhibitor to be reported.
Synonyms	PF-04708671

Product Information

CAS No.	1255517-76-0
Molecular Formula	C19H21F3N6
Chemical Name	1H-Benzimidazole, 2-[[4-(5-ethyl-4-pyrimidinyl)-1-piperazinyl]methyl]-6-(trifluoromethyl)-
Molecular Weight	390.41
Targets	p70 S6K1
IC50	160 nM
Solubility	DMSO 30 mg/mL; Water <1 mg/mL; Ethanol 8 mg/mL

Storage and Shipping Information

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