Creative Enzymes®

BI-D1870

Cat. No. CEI-0902

Lot. No. (See product label)

Introduction

Description	BI-D1870 is an ATP-competitive inhibitor of S6 ribosome for RSK1/2/3/K4 with IC50 of 31 nM/24 nM/18 nM/15 nM, respectively; 10- to 100-fold selectivity for RSK than MST2, GSK-3β, MARK3, CK1 and Aurora B.

Product Information

CAS No.	501437-28-1
Molecular Formula	C19H23F2N5O2
Chemical Name	6(5H)-Pteridinone, 2-[(3,5-difluoro-4-hydroxyphenyl)amino]-7,8-dihydro-5,7-dimethyl-8-(3-methylbutyl)-
Molecular Weight	391.42
Targets	RSK1, RSK2, RSK3, RSK4
IC50	31 nM; 24 nM; 18 nM; 15 nM
Solubility	DMSO 78 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.