

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-3 β , 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.