

PHA-793887

Cat. No. CEI-0918

Lot. No. (See product label)

Introduction

Description PHA-793887 is a novel and potent inhibitor of CDK2, CDK5 and CDK7 with IC₅₀ of 8 nM, 5 nM and 10 nM. It is greater than 6-fold more selective for CDK2, 5, and 7 than CDK1, 4, and 9. Phase 1.

Product Information

CAS No. 718630-59-2

Molecular Formula C₁₉H₃₁N₅O₂

Chemical Name N-(6,6-dimethyl-5-(1-methylpiperidine-4-carbonyl)-1,4,5,6-tetrahydropyrrolo[3,4-c]pyrazol-3-yl)-3-methylbutanamide

Molecular Weight 361.48

Targets CDK2, CDK5, CDK7

IC₅₀ 8 nM; 5 nM; 10 nM

Solubility DMSO 72 mg/mL; Water <1 mg/mL; Ethanol 72 mg/mL

Storage and Shipping Information

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