

CH5132799

Cat. No. CEI-0828

Lot. No. (See product label)

Introduction

Description

CH5132799 inhibits class I PI3Ks, particularly PI3K α with IC50 of 14 nM; less potent to PI3K $\beta\delta\gamma$, while sensitive in PIK3CA mutations cell lines. Phase 1.

Product Information

CAS No.

1007207-67-1

Molecular Formula

C15H19N7O3S

Chemical Name

5-(7-(methylsulfonyl)-2-morpholino-6,7-dihydro-5H-pyrrolo[2,3-d]pyrimidin-4-yl)pyrimidin-2-amine

Molecular Weight

377.42

Targets

PI3K α , PI3K β , PI3K δ , PI3K γ

IC50

0.014 μ M; 0.12 μ M; 0.50 μ M; 0.036 μ M

Solubility

DMSO 12 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.