

IPI-145 (INK1197)

Cat. No. CEI-0852

Lot. No. (See product label)

Introduction

Description

IPI-145 (INK1197) is a novel and selective PI3K δ/γ inhibitor with K_i and IC_{50} of 23 pM/243 pM and 1 nM/50 nM, highly selective for PI3K δ/γ than other protein kinases. Phase 2.

Product Information

CAS No. 1201438-56-3

Molecular Formula C₂₂H₁₇ClN₆O

Chemical Name 1(2H)-Isoquinolinone, 8-chloro-2-phenyl-3-[(1S)-1-(9H-purin-6-ylamino)ethyl]-

Molecular Weight 416.86

Targets PI3K δ , PI3K γ

IC₅₀ 23 pM (IC_{50})/1 nM (K_i); 243 pM (IC_{50})/50 nM K_i

Solubility DMSO 84 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.