

PIK-75, free base

Cat. No. CEI-1103

Lot. No. (See product label)

Introduction

Description PIK-75, free base is a PI3K inhibitor displaying selectivity for the p110 α isoform (IC50 6nM). PIK-75 blocks the phosphorylation of PKB induced by insulin.

Synonyms CLOVE, CWS5, MCAP, MCM, MCMTC, PI3K, p110-alpha

Product Information

CAS No. 372196-67-3

Molecular Formula C16H14BrN5O4S

Chemical Name (Z)-N'-((6-bromoH-imidazo[1,2-a]pyridin-3-yl)methylene)-N,2-dimethyl-5-nitrobenzenesulfonohydrazide

Molecular Weight 452.28

Purity > 95%

Targets p110 α

Solubility DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage 4 centigrade

Stability 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO