

SAR131675

Cat. No. CEI-0950

Lot. No. (See product label)

Introduction

Description SAR131675 is a VEGFR3 inhibitor with IC₅₀/K_i of 23 nM/12 nM, about 50- and 10-fold more selective for VEGFR3 than VEGFR1/2, little activity against Akt1, CDKs, PLK1, EGFR, IGF-1R, c-Met, Flt2 etc.

Product Information

CAS No. 1092539-44-0

Molecular Formula C₁₈H₂₂N₄O₄

Chemical Name (R)-2-amino-1-ethyl-7-(3-hydroxy-4-methoxy-3-methylbut-1-ynyl)-N-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxamide

Molecular Weight 358.39

Targets VEGFR-3

IC₅₀ 23 nM

Solubility DMSO 30 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.