
Su1498

产品编号: D61997

CAS: 168835-82-3

分子式: C₂₅H₃₀N₂O₂

纯度: 98%

InChi Key: InChIKey=JANPYFTYAGTSIN-FYJGNVAPSA-N

Smiles: CC(C)c1cc(cc(C(C)C)c1O)\C=C(/C#N)C(=O)NCCCC1CCCCC1

外观: 固体粉末

作用通路: Angiogenesis

作用靶点: VEGFR

溶解性: Soluble in DMSO、Ethanol

保存条件: -20°C

产品介绍: SU 1498 is a selective inhibitor of the receptor tyrosine kinase VEGF receptor 2 (VEGFR2, aka FLK1; IC₅₀ = 700 nM), having negligible activity at several other serine/threonine and tyrosine kinases.^{1, 2} It effectively blocks signaling through VEGFR2 both in vitro and in vivo.^{1, 3} SU 1498 is used to study the role of VEGFR2 signaling in diverse processes, including angiogenesis, tumor growth, neural progenitor cell survival, and neuroregeneration.