
Ro 46-2005

产品编号: D60047

CAS: 150725-87-4

分子式: C₂₃H₂₇N₃O₆S

纯度: 98%

InChi Key: InChIKey=ZNXOKLWCOWOECF-UHFFFAOYSA-N

Smiles: CC(C)(C)c1ccc(cc1)S(=O)(=O)Nc1c(c(ncn1)OCCO)Oc1cc(ccc1)OC

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: Endothelin Receptor

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Ro 46-2005 is a novel synthetic non-peptide endothelin receptor antagonist, inhibits the specific binding of ¹²⁵I-ET-1 to human vascular smooth muscle cells (ETA receptor) with IC₅₀ of 220 nM. IC₅₀ value: 220 nM (ETA) [2] Target: Endothelin in vitro: Ro 46-2005 proves to be equipotent (IC₅₀ 200-500 nM) for inhibition of [¹²⁵I]ET-1 binding on the two known ET receptor subtypes (ETA and ETB). Ro 46-2005 also inhibits the functional consequences of ET-1 stimulation: the ET-1-induced release of arachidonic acid from rat mesangial cells was inhibited with an IC₅₀ of 1.8 μM.