
NS-2028

产品编号: D58156

CAS: 204326-43-2

分子式: C₉H₅BrN₂O₃

纯度: 99.44%

InChi Key: InChiKey=MUDRLQRJCGJJTB-UHFFFAOYSA-N

Smiles: O=C1ON=C2COC3=CC=C(Br)C=C3N21

外观: 固体粉末

作用通路: GPCR/G Protein

作用靶点: Guanylate cyclase

溶解性: DMSO: 250 mg/mL (929.20 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: NS-2028 is a highly selective soluble Guanylyl Cyclase (sGC) inhibitor (IC₅₀: 30 nM and 200 nM for basal and NO-stimulated enzyme activity). It is commonly used in the research of nitric oxide signaling pathways. NS-2028 inhibits soluble Guanylyl Cyclase activity in homogenates of mouse cerebellum and neuronal NO synthase (IC₅₀: 17 nM and 20 nM). NS-2028 inhibits 3-morpholino-sydnnonimine (SIN-1)-elicited formation of cyclic GMP in human cultured umbilical vein endothelial cells (IC₅₀: 30 nM). NS-2028 inhibits NO-dependent relaxant responses in non-vascular smooth muscle completely (1 μM). NS-2028 decreases vascular endothelial growth factor-induced angiogenesis and permeability.