
NVS-SM1

产品编号: D50935

CAS: 1562338-42-4

分子式: C₂₂H₂₇N₅O₂

纯度: ≥98%

InChi: InChi=1S/C₂₂H₂₇N₅O₂/c1-21(2)10-16(11-22(3,4)27-21)29-20-8-7-18(25-26-20)17-6-5-14(9-19(17)28)15-12-23-24-13-15/h5-9,12-13,16,27-28H,10-11H₂,1-4H₃,(H,23,24)

InChi Key: STWTUEAWRAIWJG-UHFFFAOYSA-N

Smiles: CC1(C)CC(CC(C)(C)N1)OC1=CC=C(N=N1)C1=CC=C(C=C1O)C1C=NNC=1

外观: 固体粉末

作用通路: DNA/RNA Synthesis

溶解性: DMSO: 3 mg/mL (7.62 mM). Water: Insoluble.

保存条件: Store in dry, dark place for one year.

产品介绍: NVS-SM1, also known as Branaplam and LMI-070, is a highly potent, selective and orally active small molecule SMN2 splicing modulator as a potential treatment for SMA Type 1 (Spinal Muscular Atrophy). NVS-SM1 works by increasing the amount of functional SMN protein produced by the “back-up gene, SMN2, through modifying its splicing.