
Binodenoson

产品编号: D57153

CAS: 144348-08-3

分子式: C₁₇H₂₅N₇O₄

纯度: 99.84%

InChi Key: InChIKey=XJFMHMFBSOEPR-XNIJJJKJLSA-N

Smiles: Nc1c2ncn([C@@H]([C@@H]3O)O[C@H](CO)[C@H]3O)c2nc(NN=CC2CCCCC2)n1

外观: 固体粉末

作用通路: GPCR/G Protein; Neuroscience

作用靶点: Adenosine Receptor

溶解性: DMSO: 11 mg/mL (28.1 mM)

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

产品介绍: Binodenoson is a potent and selective A_{2A} adenosine receptor agonist (K_D=270 nM).

Binodenoson is being developed as a short-acting coronary vasodilator as an adjunct to radiotracers for use in myocardial stress imaging[1].