
NBMPR

产品编号: D51622

CAS: 38048-32-7

分子式: C₁₇H₁₇N₅O₆S

纯度: ≥98%

InChi: InChI=1S/C₁₇H₁₇N₅O₆S/c23-5-11-13(24)14(25)17(28-11)21-8-20-12-15(21)18-7-19-16(12)29-6-9-1-3-10(4-2-9)22(26)27/h1-4,7-8,11,13-14,17,23-25H,5-6H2/t11-,13-,14-,17-/m1/s1

InChi Key: DYCJFJRCWPVDHY-LSCFUAHRSA-N

Smiles: [O-

][N+](=O)C1C=CC(CSC2N=CN=C3C=2N=CN3[C@@H]2O[C@H](CO)[C@@H](O)[C@H]2O)=CC=1

外观: 固体粉末

作用通路: Adenosine Receptor

溶解性: Soluble in DMSO

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

产品介绍: NBMPR, also known as S-4-nitrophenylmethyl-6-thioinosine, is a nucleoside analog that competitively inhibits the equilibrative nucleoside transporter 1. NBMPR is routinely used at concentrations of 0.10 μM and 0.10 mM to specifically inhibit transport of nucleosides mediated by equilibrative nucleoside transporters 1 (ENT1) and 2 (ENT2), respectively. NBMPR at a concentration of 0.10 mM abolishes ABCG2 activity.