

Product Name : TNP-351

Synonyms : TNP351

Cat No. : M11069

CAS Number : 125991-51-7

Molecular Formula : C₂₁H₂₄N₆O₅

Formula Weight : 440.46

Chemical Name : (2S)-2-[[4-[3-(2,4-diamino-7H-pyrrolo[2,3-d]pyrimidin-5-yl)propyl]benzoyl]amino]pentanedioic acid

Description : TNP-351 is an antifolate compound that functions as a DHFR inhibitor, strongly inhibits the growth of Meth A cells.

Pathway : Cell Cycle/DNA Damage

Target : Antifolate

Receptor : Antifolate

Solubility : —

SMILES : O=C(O)CC[C@@H](C(=O)O)NC(C1=CC=C(CCCC2=CN=C3NC(N)=NC(N)=C32)C=C1)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Itoh F, et al. Cancer Chemother Pharmacol. 1994;34(4):273-9. | 2. Itoh F, et al. Chem Pharm Bull (Tokyo). 1995 Feb;43(2):230-5.

