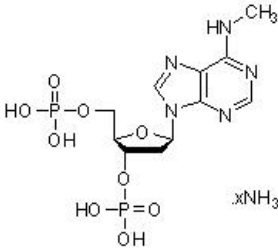


Product datasheet

MRS 2179, P2Y₁ antagonist ab120414

[4 References](#) [1 Image](#)

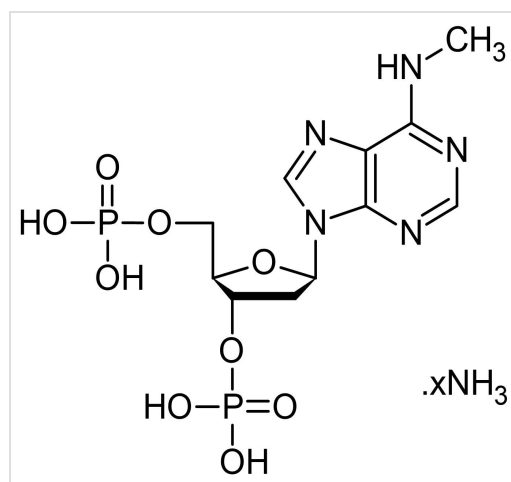
Overview

Product name	MRS 2179, P2Y ₁ antagonist
Description	Potent, selective P2Y ₁ antagonist
Biological description	Potent, selective, competitive P2Y ₁ antagonist (K _i = 100 nM). Inhibits ATP induced glutamate release <i>in vitro</i> and inhibits ADP ability to evoke platelet shape change and aggregation.
CAS Number	101204-49-3
Chemical structure	

Properties

Chemical name	2'-Deoxy- <i>N</i> ⁶ -methyladenosine 3',5'-bisphosphate ammonium salt
Molecular formula	C ₁₁ H ₁₇ N ₅ O ₉ P ₂ ·xNH ₃
PubChem identifier	71308613
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>N.N.N.O=P(O)(O)OCC1OC(C[C@@H]1OP(=O)(O)O)n3cnc2c(NC)ncnc23</chem>
Source	Synthetic

Images



Chemical Structure - MRS 2179, P2Y₁ antagonist
(ab120414)

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