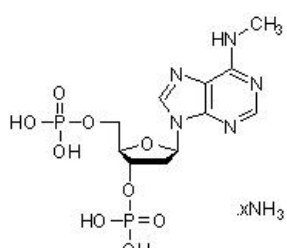


Product datasheet

MRS 2179, P2Y<sub>1</sub> antagonist ab120414

4 References 1 Image

Overview

<b>Product name</b>	MRS 2179, P2Y <sub>1</sub> antagonist
<b>Description</b>	Potent, selective P2Y <sub>1</sub> antagonist
<b>Biological description</b>	Potent, selective, competitive P2Y <sub>1</sub> antagonist (K <sub>i</sub> = 100 nM). Inhibits ATP induced glutamate release <i>in vitro</i> and inhibits ADP ability to evoke platelet shape change and aggregation.
<b>Purity</b>	> 98%
<b>CAS Number</b>	101204-49-3
<b>Chemical structure</b>	

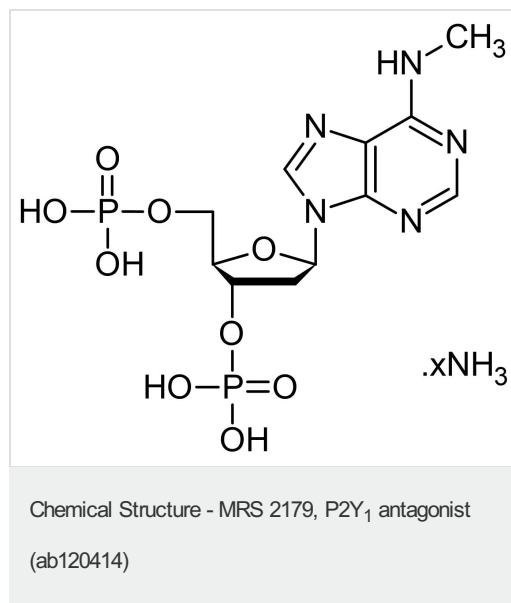
Properties

<b>Chemical name</b>	2'-Deoxy-N <sup>6</sup> -methyladenosine 3',5'-bisphosphate ammonium salt
<b>Molecular formula</b>	C <sub>11</sub> H <sub>17</sub> N <sub>5</sub> O <sub>9</sub> P <sub>2</sub> ·xNH <sub>3</sub>
<b>PubChem identifier</b>	71308613
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM
<b>Handling</b>	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	N.N.N.O=P(O)(O)OCC1OC(C[C@@H]1OP(=O)(O)O)n3cnc2c(NC)ncnc23

Source

Synthetic

## Images



2D chemical structure image of ab120414, MRS 2179, P2Y<sub>1</sub> antagonist

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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