



## Product Information

### Adenosine antagonist-1

**Cat. No.:** X23-12-YM1252

**Size:** 1 mg; 5 mg; 10 mg; 50 mg

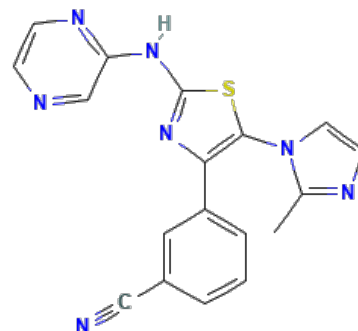
**CAS Number:** 431040-19-6

**Compound CID:** 10291948

**Synonym:** 431040-19-6;

3-[5-(2-Methylimidazol-1-yl)-2-(pyrazin-2-ylamino)-1,3-thiazol-4-yl]benzonitrile

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	Adenosine antagonist-1 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
<b>Molecular Weight</b>	359.41
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>13</sub> N <sub>7</sub> S
<b>IUPAC Name</b>	3-[5-(2-Methylimidazol-1-yl)-2-(pyrazin-2-ylamino)-1,3-thiazol-4-yl]benzonitrile
<b>InChI</b>	InChI=1S/C18H13N7S/c1-12-21-7-8-25(12)17-16(14-4-2-3-13(9-14)10-19)24-18(26-17)23-15-11-20-5-6-22-15/h2-9,11H,1H3,(H,22,23,24)
<b>InChI Key</b>	YNGFNKUXMJZNCR-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1=NC=CN1C2=C(N=C(S2)NC3=NC=CN=C3)C4=CC=CC(=C4)C#N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	Adenosine antagonist-1 can be used for its neuroprotective effects.
<b>Storage</b>	Store at -20°C, and keep desiccated.