

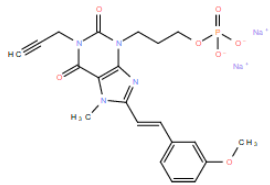
## Certificate of Analysis

Target	Inhibitors & Agonists>>GPCR>>Adenosine Receptor
Cat.No	DC11140
Name	MSX-3 hydrate

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## Chemical Properties

CAS	261717-23-1
Formula	C <sub>21</sub> H <sub>21</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>7</sub> P
MW	518.373
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a purine ring system. At position 2, there is a propargyl group (-CH<sub>2</sub>-C≡CH). At position 6, there is a methyl group (-CH<sub>3</sub>). At position 7, there is a propyl chain (-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-) which is linked to a phosphate group (-O-P(=O)(O<sup>-</sup>)<sub>2</sub>). The phosphate group is associated with two sodium ions (Na<sup>+</sup>). At position 9, there is a methyl group (-CH<sub>3</sub>). At position 4, there is a trans-alkene group (-CH=CH-) which is connected to a 4-methoxyphenyl ring (-C<sub>6</sub>H<sub>4</sub>-O-CH<sub>3</sub>).</p>
Purity	>98%

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