

Product Name	: MSX-3 hydrate
Synonyms	: MSX-3; MSX3; MSX3
Cat No.	: M13799
CAS Number	: 261717-23-1
Molecular Formula	: C ₂₁ H ₂₁ N ₄ Na ₂ O ₇ P
Formula Weight	: 518.37
Chemical Name	: 1H-Purine-2,6-dione, 3,7-dihydro-8-[(1E)-2-(3-methoxyphenyl)ethenyl]-7-methyl-3-[3-(phosphonooxy)propyl]-1-(2-propynyl)-, disodium salt (9CI)
Description	: MSX-3 hydrate is a potent, specific adenosine A2A receptor (A2AR) antagonist.
Pathway	: Apoptosis
Target	: Adenosine Receptor
Receptor	: Adenosine Receptor
Solubility	: —
SMILES	: <chem>O=C1N(C)C(=O)N(CCCOP(=O)([O-])[O-])C2=C(N(C)C)/C=C/C3=CC=CC(OC)=C3=N2C1=O.[Na+].[Na+]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Faivre E, et al. Front Mol Neurosci. 2018 Jul 12;11:235. | 2. Laurent C, et al. Mol Psychiatry. 2016 Jan;21(1):97-107. | 3. Strömberg I, et al. Eur J Neurosci. 2000 Nov;12(11):4033-7.