

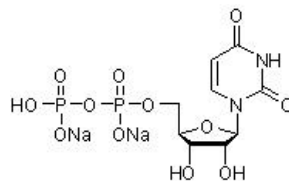
Product datasheet

UDP sodium salt (Uridine 5'-diphosphate), P2Y6 agonist. P2Y14 ligand. ab120383

Overview

Product name	UDP sodium salt (Uridine 5'-diphosphate), P2Y6 agonist. P2Y14 ligand.
Description	P2Y ₆ agonist. P2Y ₁₄ ligand.
Biological description	Endogenous P2Y receptor agonist which preferentially activates P2Y ₆ . Antagonist and agonist activities reported at human P2Y ₁₄ receptors. Potent full agonist at rat P2Y ₁₂ (EC ₅₀ = 350 nM).
CAS Number	21931-53-3

Chemical structure



Properties

Chemical name	Uridine 5'-diphosphate sodium salt
Molecular weight	448.13
Molecular formula	C ₉ H ₁₂ N ₂ Na ₂ O ₁₂ P ₂
PubChem identifier	88264
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>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>O=P(O[Na])(O[Na])OP(=O)(O[Na])OC[C@H]2O[C@@H](N1C=CC(=O)NC1=O)[C@H](O)</chem>

[C@@H]2O

Source

Synthetic

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

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