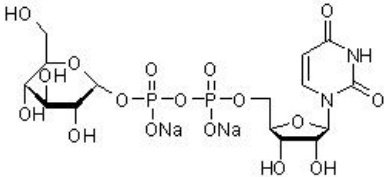


UDP-glucose, Highly P2Y₁₄ agonist ab120384

[2 References](#) [1 Image](#)

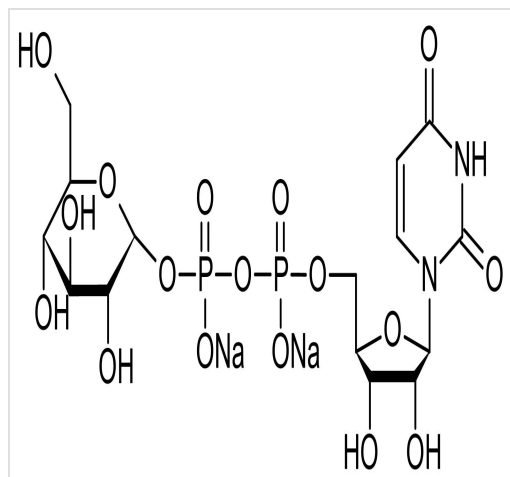
Overview

Product name	UDP-glucose, Highly P2Y ₁₄ agonist
Description	Highly potent P2Y ₁₄ agonist
Biological description	Highly potent, endogenous P2Y ₁₄ agonist (EC ₅₀ = 82 nM). Involved in modulation of gastric function. UDP also available (ab120383).
CAS Number	28053-08-9
Chemical structure	

Properties

Chemical name	Uridine 5'-diphosphoglucose disodium salt
Molecular weight	610.27
Molecular formula	C ₁₅ H ₂₂ N ₂ Na ₂ O ₁₇ P ₂
PubChem identifier	119803
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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>O=C1C=CN(C(=O)N1)[C@@H]3O[C@H](COP(=O)(OP(=O)(O[C@@H]2OC(CO)[C@@H](O)[C@@H](O)[C@@H]2O)O[Na])O[Na])[C@@H](O)[C@H]3O</chem>
Source	Synthetic

Images



2D chemical structure image of ab120384, UDP-glucose, Highly P2Y₁₄ agonist

Chemical Structure - UDP-glucose, Highly P2Y₁₄ agonist (ab120384)

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