Sodium metabisulfite

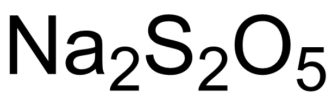
Cat. No.: HY-Y1326

CAS No.: 7681-57-4

Molecular Formula: $Na_2O_5S_2$

Molecular Weight: 190.11

Storage: 4°C, sealed storage, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 100 mg/mL (526.01 mM; Need ultrasonic)
DMSO : 4 mg/mL (21.04 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions

Concentration \ Solvent \ Mass	1 mg	5 mg	10 mg
1 mM	5.2601 mL	26.3006 mL	52.6011 mL
5 mM	1.0520 mL	5.2601 mL	10.5202 mL
10 mM	0.5260 mL	2.6301 mL	5.2601 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sodium metabisulfite can be used as an excipient, such as antibacterial agent, preservative, antioxidant. Pharmaceutical excipients, or pharmaceutical auxiliaries, refer to other chemical substances used in the pharmaceutical process other than pharmaceutical ingredients. Pharmaceutical excipients generally refer to inactive ingredients in pharmaceutical preparations, which can improve the stability, solubility and processability of pharmaceutical preparations. Pharmaceutical excipients also affect the absorption, distribution, metabolism, and elimination (ADME) processes of co-administered drugs [1].

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