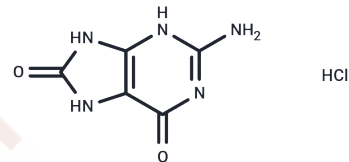


8-Hydroxyguanine hydrochloride

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1246818-54-1 |
| Formula: | C ₅ H ₅ N ₅ O ₂ ·HCl |
| Molecular Weight: | 203.6 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|---|
| Description | 8-Hydroxyguanine, generated through the oxidative degradation of DNA by the hydroxyl radical, serves as an indicator of oxidative stress in biological systems. |
| Targets(IC50) | Others,Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 4.9116 mL | 24.558 mL | 49.1159 mL |
| 5 mM | 0.9823 mL | 4.9116 mL | 9.8232 mL |
| 10 mM | 0.4912 mL | 2.4558 mL | 4.9116 mL |
| 50 mM | 0.0982 mL | 0.4912 mL | 0.9823 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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