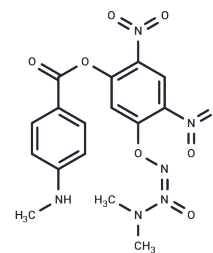


PABA/NO

Chemical Properties

CAS No. : 875769-11-2
 Formula: C₁₆H₁₆N₆O₈
 Molecular Weight: 420.33
 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 | PABA/NO is a novel glutathione-S-transferase-p-activated nitric oxide donor, inhibiting proliferation and inducing apoptosis by targeting PI3K/AKT/mTOR and MEK/ERK pathways in hepatocellular carcinoma cells. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3791 mL | 11.8954 mL | 23.7908 mL |
| 5 mM | 0.4758 mL | 2.3791 mL | 4.7582 mL |
| 10 mM | 0.2379 mL | 1.1895 mL | 2.3791 mL |
| 50 mM | 0.0476 mL | 0.2379 mL | 0.4758 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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