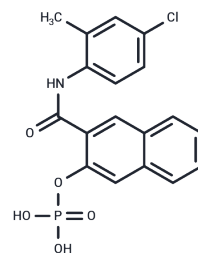


NASTRp

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2616-72-0 |
| Formula: | C ₁₈ H ₁₅ ClNO ₅ P |
| Molecular Weight: | 391.74 |
| 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 | NASTRp, an inhibitor of CREB-CBP complex, possesses anti-cancer effects along with cell cycle regulation, autophagy suppression, and endoplasmic reticulum stress. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.5527 mL | 12.7636 mL | 25.5271 mL |
| 5 mM | 0.5105 mL | 2.5527 mL | 5.1054 mL |
| 10 mM | 0.2553 mL | 1.2764 mL | 2.5527 mL |
| 50 mM | 0.0511 mL | 0.2553 mL | 0.5105 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.

Reference

Lee JW, Park HS, Park SA, Ryu SH, Meng W, Jürgensmeier JM, Kurie JM, Hong WK, Boyer JL, Herbst RS, Koo JS. A Novel Small-Molecule Inhibitor Targeting CREB-CBP Complex Possesses Anti-Cancer Effects along with Cell Cycle Regulation, Autophagy Suppression and Endoplasmic Reticulum Stress. PLoS One. 2015 Apr 21;10(4):e0122628. doi: 10.1371/journal.pone.0122628. eCollection 2015. PubMed PMID: 25897662; PubMed Central PMCID: PMC4405579.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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