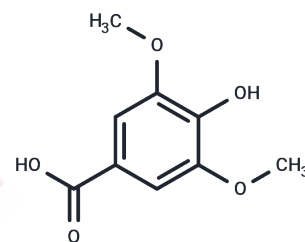


Syringic acid

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 530-57-4 |
| Formula: | C ₉ H ₁₀ O ₅ |
| Molecular Weight: | 198.17 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|--|
| Description | Syringic acid (3,5-dimethoxy-4-hydroxy Benzoic Acid) (SYRA) is a potential antioxidant used in traditional Chinese medicine and is an emerging nutraceutical. It has potential anti-angiogenic, anti-glycating, anti-hyperglycaemic, neuroprotective, and memory-enhancing properties. |
| Targets(IC50) | Endogenous Metabolite,Antibacterial |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 50 mg/mL (252.31 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.0462 mL | 25.2309 mL | 50.4617 mL |
| 5 mM | 1.0092 mL | 5.0462 mL | 10.0923 mL |
| 10 mM | 0.5046 mL | 2.5231 mL | 5.0462 mL |
| 50 mM | 0.1009 mL | 0.5046 mL | 1.0092 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.

Reference

Güven M, et al. Turk J Med Sci. 2015;45(1):233-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481