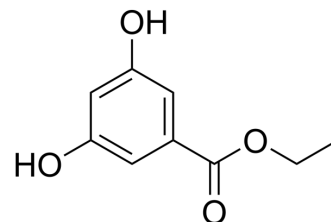


Ethyl 3,5-dihydroxybenzoate

| | |
|--------------------|--|
| Cat. No.: | HY-W131227 |
| CAS No.: | 4142-98-7 |
| Molecular Formula: | C ₉ H ₁₀ O ₄ |
| Molecular Weight: | 182.17 |
| Target: | Others |
| Pathway: | Others |
| Storage: | 4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen) |



SOLVENT & SOLUBILITY

| | | | | | |
|---|---|--------------------------|-----------|------------|------------|
| In Vitro | DMSO : 100 mg/mL (548.94 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass | | |
| | Preparing Stock Solutions | | 1 mg | 5 mg | 10 mg |
| | | 1 mM | 5.4894 mL | 27.4469 mL | 54.8938 mL |
| | | 5 mM | 1.0979 mL | 5.4894 mL | 10.9788 mL |
| | 10 mM | 0.5489 mL | 2.7447 mL | 5.4894 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (13.72 mM); Clear solution | | | | |
| | 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.72 mM); Clear solution | | | | |
| | 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.72 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------|---|
| Description | Ethyl 3,5-dihydroxybenzoate is an active compound. Ethyl 3,5-dihydroxybenzoate can be used for the research of various biochemical studies ^[1] . |
|-------------|---|

REFERENCES

[1]. QW Zhang, et al. Crystal structure of ethyl 3, 5-dihydroxybenzoate hemihydrate, C₉H₁₀O₄• ½ H₂O. Zeitschrift für Kristallographie - New Crystal Structures. Volume 221 Issue 1-4.

Caution: Product has not been fully validated for medical applications. For research use only.

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