

3,5-Di-tert-butylbenzaldehyde

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 17610-00-3 |
| Formula: | C ₁₅ H ₂₂ O |
| Molecular Weight: | 218.335 |
| 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

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|---------------|--|
| Description | 3,5-Di-tert-butylbenzaldehyde may be used in the synthesis of the following: 5-pyridyl-15-(3,5-di-tert-butylphenyl)porphyrin via condensation reaction with 4-pyridinecarboxaldehyde and 2,2'-dipyrrylmethane. 3,5-di-tert-butylphenyl-dipyrromethane via reaction with pyrrole in the presence of trifluoroacetic acid. 3,5-di-tert-butyl-2-nitrobenzaldehyde via nitration reaction. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.580 mL | 22.9001 mL | 45.8001 mL |
| 5 mM | 0.916 mL | 4.580 mL | 9.160 mL |
| 10 mM | 0.458 mL | 2.290 mL | 4.580 mL |
| 50 mM | 0.0916 mL | 0.458 mL | 0.916 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.

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