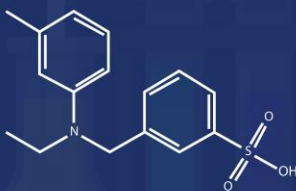


3-([Ethyl(3-methylphenyl)amino]methyl) benzenesulfonic acid



PRODUCT IN FOCUS



3-([Ethyl(3-methylphenyl)amino]methyl)benzenesulfonic acid

INTRODUCTION

3-([Ethyl(3-methylphenyl)amino]methyl) benzenesulfonic acid is an organic sulfonic acid, a white crystalline solid, which is widely used as a catalyst, acidifying agent, and a reagent in organic synthesis.

Manufacture

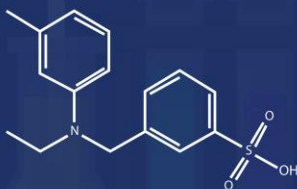
The manufacturing process includes N-Benzoylation of N-Ethyl-m-toluidine followed by sulfonation.

APPLICATIONS

- ⚠ Benzenesulfonic acid, 3-[[ethyl(3-methylphenyl)amino]methyl]- is widely used in scientific research applications.
- ⚠ It is used as a catalyst in various organic reactions, including esterification, alkylation, and acylation reactions.
- ⚠ This compound is also used as an acidifying agent in the synthesis of various organic compounds.

| | |
|--------------------------|---|
| Synonym | N-Ethyl-N-(m-tolylsulfonyl)-m-toluidine; alpha-(N-Ethyl-m-toluidino)-m-toluenesulfonic acid |
| CAS no. | 91-98-5 |
| EINECS no. | 202-113-2 |
| Molecular formula | C ₁₆ H ₁₉ NO ₃ S |
| Molecular weight | 305.4 |
| Structure | |

3-([Ethyl(3-methylphenyl)amino]methyl) benzenesulfonic acid



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SPECIFICATIONS

| Test | Unit | Specification |
|--------------------------|------|------------------------------|
| Appearance | - | White to buff dry powder |
| Identification (By TLC) | - | Should confirm with standard |
| Moisture Content (By KF) | % | NMT 5.0 |
| Purity (By Titration) | % | Min 80.0 |
| Purity (By Coupling) | % | Min 80.0 |
| HPLC Purity (By ESM) | % | Min 90.0 |

PACKING

HDPE drums

STORAGE

Store at room temperature; keep the container tightly closed

REACH Status

Not registered

No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.