



CERTIFICATE OF ANALYSIS

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1. Identification

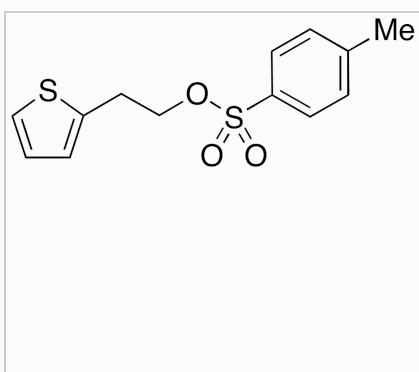
Catalogue Number: T344860

CAS Number: 40412-06-4

Product: 2-Thiopheneethanol Tosylate

Synonym: 2-Thiopheneethanol 2-(4-Methylbenzenesulfonate); 2-(2-Thienyl)ethyl Toluene-p-sulfonate; 2-(2-Thienyl)ethyl Tosylate; 2-(2-Thiophene)ethanol Tosylate; 2-(Thien-2-yl)ethyl 4-Methylbenzenesulfonate; 2-Thiophene Ethanol Tosylate; 2-Thiopheneethanol p-Toluenesulfonate;

Structure:



Molecular Formula:

C₁₃H₁₄O₃S₂

Molecular weight:

282.38

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 1-TSS-2-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Brown Low-Melting Solid	Pale Brown to Brown Low-Melting Solid
HPLC Purity	Report Result	100.00% (225 nm)
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Christina Gouliaras	1/10/2023	1/8/2027