CERTIFICATE OF ANALYSIS

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1. Identification

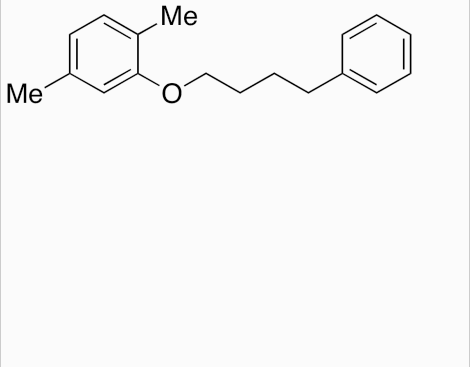
Catalogue Number: D476710

CAS Number: 500904-64-3

Product: 1,4-Dimethyl-2-(4-phenylbutoxy)benzene

Synonym: 4-Phenyl-1-(2,5-xylyloxy)butane

Structure:



Molecular Formula:

$C_{18}H_{22}O$

Molecular weight:

254.37

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly), Chloroform (Slightly)

Lot Number: 2-PJS-126-2

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	Colourless Oil	Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 85.21, %H: 8.80
HPLC Purity	Report Result	98.60% (205 nm)

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 ± 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
Evan Burns	Toni Rantanen	Christina Gouliaras	10/6/2022	10/4/2026