

Certificate of Analysis

Product Name:

Cis-[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methyl p-tolylsulfonate (Cis-Tosylate), **PurReagent, ≥ 98.0 %**

Product No.: PSR50473
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 134071-44-6
Molecular Formula: C₂₁H₂₀O₅N₂Cl₂S
Molecular Weight: 483.37 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White to Off-white Powder	White Powder
Assay (By HPLC) (on anhydrous basis)	≥ 98.0 %	99.98 %
Water (By KF)	NMT 0.5 %	0.143 %
Solubility	Soluble in N,N-Dimethyl formamide, Methanol, Methylene chloride and Acetone, Insoluble in Water	Complies
Melting Point	122.0 – 126.0 °C	124.9 °C
Chromatographic Purity by HPLC (% Area normalization)		
a) Purity	≥ 98.0 %	99.84 %
b) Maximum single unknown impurity	NMT 1.0 %	0.16 %
c) Total Impurities	NMT 2.0 %	0.35 %
Cis Bromo Tosylate by LCMS	NMT 10 ppm	8.5 ppm

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at technical@pure-synth.com

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com