CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

CATO-FM-59 Version No.: A/1

No.: 202302079963

Certificate of Analysis

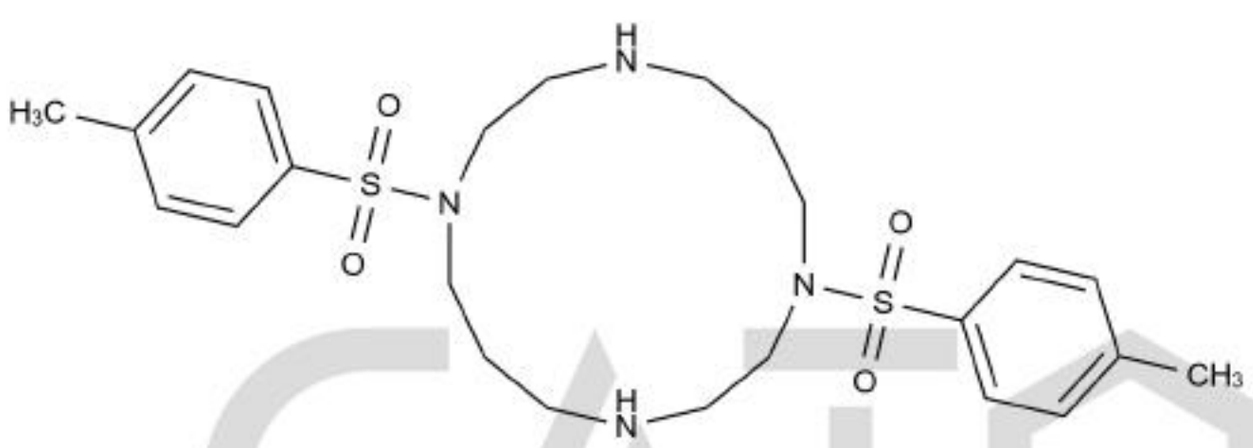
Reference Material & Standard

Product Name:	117152-72-4 1,8-Bis(4-methylbenzene-1-sulfonyl)-1,4,8,11-tetraazacyclotetradecane DTXSID40557361	**Catalogue Number:**	C1089016
Synonyms:	N/A	**Lot Number:**	0207-SA-7963
CAS Number:	117152-72-4	**Expiry Date:**	Feb 06, 27
Molecular Formula:	$C_{24}H_{36}N_4O_4S_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	508.70		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.483%

CATO Research Chemicals Inc.

Signature:

Prepared by: Lisa Date: Feb 07, 23

Reviewed by: Yuki Date: Feb 07, 23

Approved by General Manager: David Date: Feb 07, 23

CATO Research Chemicals Inc.

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ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-2832 | ISO 9001:2000 SGS | Official WeChat

Directions:

1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.

2. Minimum sample size: 1mg is recommended as the minimum sample size.

3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.

4. Instructions for handling and correct use: Handling in a well-ventilated place.

Document Version:

Revision No.	Date	Reason for Revision
01	Feb 07, 23	First release.

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