

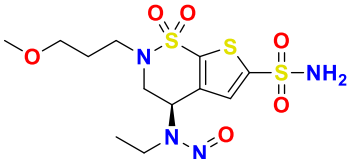


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: Brinzolamide N-Nitroso		
CAS NO: NA		
Batch No: SRC-161-RS-224		
Date of Analysis: 18 May 2024	Catalogue No: SRC-N014256	
Retest Date: 18 May 2026		
Structure:		
		
Chemical Name	(R)-4-(Ethyl(nitroso)amino)-2-(3-methoxypropyl)-3,4-dihydro-2H-thieno[3,2-e][1,2]thiazine-6-sulfonamide 1,1-dioxide	
Molecular Formula	C ₁₂ H ₂₀ N ₄ O ₆ S ₃	
Molecular Weight	412.51 g/mol	
Sr. No.	Test	Result
1)	Description	Sticky Solid
2)	Solubility	Soluble in DMSO, Methanol
3)	Identification	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
	3. IR	Confirm to structure
4)	Purity by HPLC	99.66%
Long Term Storage condition	Store at 2 ^o to 8 ^o c	
Shipping Condition	Ambient	
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.		
NOTE - Brinzolamide N-Nitroso Impurity a highly toxic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures.		
	Signature	Date
Checked By		
Approved By		

