

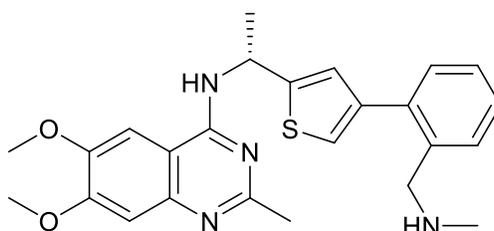


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



Product Name:	BAY-293
Synonym:	BAY293
CAS No:	2244904-70-7
Prod. No:	CT-BAY293
Lot No:	01
Batch Empirical Formula	C ₂₅ H ₂₈ N ₄ O ₂ S·0.5H ₂ O
Batch Empirical Wt.	457.6
Solubility	Soluble in DMSO (36.6mg/ml, 80 mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	White Solid
Quality Control	MS: [✓] 1H-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₅ H ₂₈ N ₄ O ₂ S·0.5H ₂ O Calculated: C: 65.62% H: 6.39% N: 12.24% Found: C: 65.45% H: 6.30% N: 12.01%
Optical Rotation	$[\alpha]_D^{20} = -107.1^\circ$ (c 1, DMSO)
Chemical Purity	99.5% (HPLC at 214 nm)
	99.5% (HPLC at 254 nm)
Optical Purity (e.e)	100% (Chiral HPLC)