

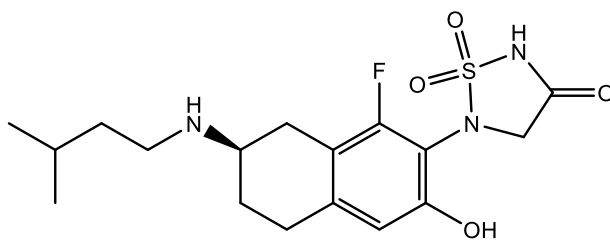


Northeast Business Center

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

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



H-Cl

Product Name:	ABBV-CLS-484
Synonym:	NA
CAS No:	2489404-97-7
Prod. No:	CT-ABBVCLS
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	C ₁₇ H ₂₄ FN ₃ O ₄ S · HCl 421.9
Solubility	Soluble in DMSO (42.2mg/ml, 100 mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white powder
Quality Control	MS: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] NMR: [✓] Quantitative Elemental Analysis: [✓] C ₁₇ H ₂₄ FN ₃ O ₄ S · HCl Calculated: C: 48.39%; H: 5.97%; N: 9.96% Found: C: 48.24%; H: 6.14%; N: 9.75%
Chemical Purity	>99% (Achiral HPLC)
Optical Purity (e.e)	>99% (Chiral HPLC)