

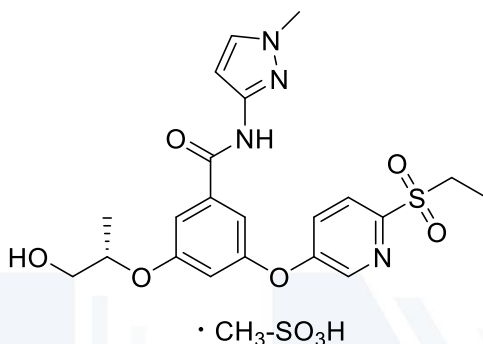


Northeast Business Center

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Certificate of Analysis



Product Name:	MK-0941 Mesylate
Synonym:	NA
CAS No:	1137916-97-2
Prod. No:	CT-MK-0941
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$\text{C}_{21}\text{H}_{24}\text{N}_4\text{O}_6\text{S} \cdot \text{CH}_3\text{SO}_3\text{H}$ ($\text{C}_{22}\text{H}_{28}\text{N}_4\text{O}_9\text{S}_2$) 556.6
Solubility	Soluble in DMSO (>55.7mg/ml, >100 mM)
Storage	Store at 0-4 °C (short term), -20 °C (long term), desiccated

Appearance	White powder
Quality Control	$^1\text{H-NMR}$: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $\text{C}_{22}\text{H}_{28}\text{N}_4\text{O}_9\text{S}_2$ Calculated: C: 47.47%; H: 5.07%; N: 10.07% Found: C: 47.59%; H: 5.20%; N: 10.22%
Chemical Purity	>99% (HPLC)
Optical Purity (e.e)	>99% (Chiral HPLC)