

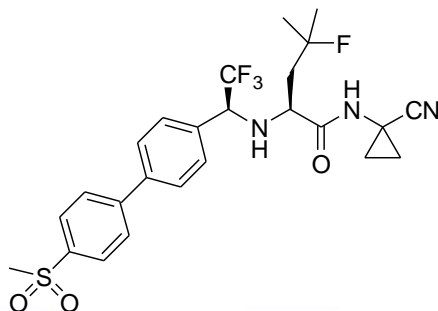


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>Odanacatib</b>
<b>IUPAC Name:</b>	(2S)-N-(1-cyanocyclopropyl)-4-fluoro-4-methyl-2-((1S)-2,2,2-trifluoro-1-[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]ethyl)amino)pentanamide
<b>Synonym</b>	MK-0822
<b>CAS No:</b>	603139-19-1
<b>Prod. No:</b>	CT-CG001
<b>Lot No:</b>	ON001A
Batch Empirical Formula Batch Empirical Wt.	C <sub>25</sub> H <sub>27</sub> F <sub>4</sub> N <sub>3</sub> O <sub>3</sub> S · 0.1H <sub>2</sub> O 527.4
<b>Solubility</b>	Soluble in DMSO, Alcohols, Common Organic Solvents
<b>Storage</b>	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	Snow-white powder
<b>Quality Control</b>	MS: [✓] <sup>1</sup> HNMR: [✓] HPLC: [✓] Chiral HPLC [✓] Quantitative Elemental Analysis: [✓] C <sub>25</sub> H <sub>27</sub> F <sub>4</sub> N <sub>3</sub> O <sub>3</sub> S · 0.1H <sub>2</sub> O Calculated: C: 56.94%; H: 5.20%; N: 7.97% Found: C: 57.06%; H: 5.21%; N: 8.06%
<b>Loss on Drying</b>	< 0.1%
<b>Chemical Purity</b>	>99.5% (HPLC at 214 and 254 nm)
<b>Optical purity</b>	>99.5% (Chiral HPLC at 214 and 254 nm)