

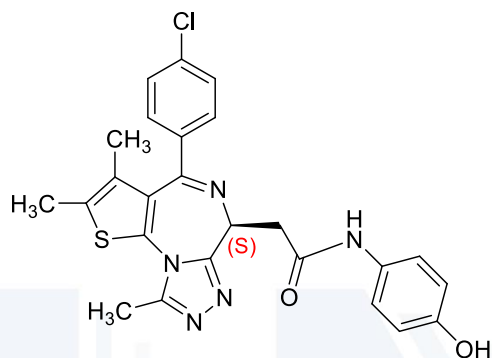


**Northeast Business Center**

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## Certificate of Analysis



<b>Product Name:</b>	<b>OTX-015 (Birabresib)</b>
<b>Synonym:</b>	Y-803
<b>IUPAC Name:</b>	(S)-2-[4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo-[4,3-a][1,4]diazepin-6-yl]-N-(4-hydroxyphenyl)acetamide
<b>CAS No:</b>	202590-98-5
<b>Prod. No:</b>	CT-OTX015
<b>Lot No:</b>	01
Batch Empirical Formula	C <sub>25</sub> H <sub>22</sub> ClN <sub>5</sub> O <sub>2</sub> S · 0.7H <sub>2</sub> O
Batch Empirical. Wt.	504.6
Solubility	Soluble in DMSO
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Quality Control</b>	MS: [✓] <sup>1</sup> HNMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis [✓]: C <sub>25</sub> H <sub>22</sub> ClN <sub>5</sub> O <sub>2</sub> S·0.7H <sub>2</sub> O Calculated: C: 59.51% H: 4.67% N: 13.77% Found: C: 59.08% H: 4.67% N: 13.88%
<b>Chemical Purity</b>	>99.5% (HPLC at 214 nm) >99.5% (HPLC at 254 nm)
<b>Optical Purity (ee)</b>	>99% (Chiral HPLC)