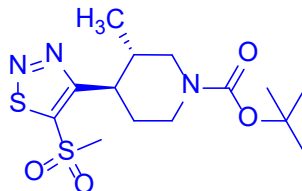




# Certificate of Analysis



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<b>IUPAC</b>	tert-Butyl 3-methyl-4-(5-(methylsulfonyl)-1,2,3-thiadiazol-4-yl)piperidine-1-carboxylate
<b>Molecular Weight</b>	361,49
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>
<b>Physical State</b>	Solid
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>Lot Number</b>	BB 0275831

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Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: positive Iodine: one major spot	PASS
Chemical Purity (HPLC)	>97%	PASS
Mass Spectroscopy	[M+H] <sup>+</sup> = 362.49 ± 1 amu	[M+Na] <sup>+</sup> = 384.6
<sup>1</sup> H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance  
Department: