

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	33473
<b>Product</b>	<b>Spermine(N<sub>3</sub>HHN<sub>3</sub>)•2TsOH</b>
	N <sup>1</sup> ,N <sup>4</sup> -Bisazidospermine bistosylate
<b>CAS Number</b>	2250433-79-3 (net)
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>22</sub> N <sub>8</sub> •2C <sub>7</sub> H <sub>8</sub> O <sub>3</sub> S
<b>Molecular Weight</b>	598.7

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	109 - 113 °C
<b>Assay by titration</b>	99 - 100%
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 2-8 °C

**For Laboratory Use Only**