

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	38471
<b>Product</b>	<b>Actinomycin D from Streptomyces species</b> Dactinomycin Actinomycin C1
<b>CAS Number</b>	50-76-0
<b>Molecular Formula</b>	C <sub>62</sub> H <sub>86</sub> N <sub>12</sub> O <sub>16</sub>
<b>Molecular Weight</b>	1255.42

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<b>Appearance</b>	Bright red crystalline powder
<b>Melting Point</b>	243 - 248 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -292 to -317 °
<b>Purity by HPLC</b>	≥ 95%
<b>Grade</b>	suitable for cell culture
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**