



<b>Catalog Number:</b>	MC11088	<b>Product Type:</b>	Small Molecule
<b>Bio-Activity:</b>	Hedgehog signaling pathway inhibitor	<b>CAS #:</b>	4449-51-8
<b>Research Categories:</b>	Cell death, stem cells, cancer		
<b>Solubility:</b>	Soluble in DMSO (up to 4 mg/ml) or in Ethanol (up to 20 mg/ml)	<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>41</sub> NO <sub>2</sub>
<b>Purity:</b>	> 98%	<b>Molecular Weight:</b>	411.6
<b>Format:</b>	Powder	<b>Ship Temp:</b>	Ambient
<b>Storage:</b>	-20°C		

### Application Notes

#### Description/Data:

Naturally occurring steroidal alkaloid with teratogenic activity. Blocks sonic hedgehog signaling by binding to smoothened. Antitumor activity. Cell Permeable [1].

#### References:

- 1) Watkins et al. (2003), Hedgehog signalling within airway epithelial progenitors and in small-cell lung cancer; Nature, 422 313

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