

Demethylbleomycin A2 sulfate, EvoPure[®] PRODUCT DATA SHEET

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Product Name:	Demethylbleomycin A2 sulfate, EvoPure [®]
Product Number:	D023
Molecular Formula:	$C_{54}H_{81}N_{17}O_{21}S_3 \cdot xH_2SO_4$
Molecular Weight:	1400.51 (Free base)
Form:	Powder
Description:	<p>Demethylbleomycin A2 sulfate, EvoPure[®] (bleomycin impurity D) is a demethylated form of bleomycin A2 - a major component in standard grade bleomycin. Demethylbleomycin A2 is formed by heating bleomycin A2. Demethylbleomycin A2 comprises approximately 3.0% of standard grade bleomycin. Demethylbleomycin A2 has been found to have high antimicrobial activity against <i>Mycobacterium smegmatis</i> compared to bleomycin A2. Additionally, demethylbleomycin A2 has a lower toxicity profile and greater antitumor properties than bleomycin A2.</p>
References:	<p>Umezawa, Hamao. "Method for Preparing 3-(methylmercaptol) Propylaminobleomycin." Google Patents. N.p., n.d. Web. 25 Mar. 2014.</p>

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