

Isoaureomycin (isochlortetracycline), EvoPure[®] PRODUCT DATA SHEET

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Product Name:	Isoaureomycin (isochlortetracycline), EvoPure [®]
Product Number:	I017
CAS Number:	514-53-4
Molecular Formula:	C ₂₂ H ₂₃ ClN ₂ O ₈
Molecular Weight:	478.88
Form:	Powder
Appearance:	light tan solid
Source:	semi-synthetic
Melting Point:	195-197°C
Storage Conditions:	-20°C
Description:	Isoaureomycin (isochlortetracycline), EvoPure [®] is a metabolite of chlortetracycline, a tetracycline antibiotic. It is an inactive degradation product of chlortetracycline. It is used as an analytical standard for residue detection in animals and the environment. It is soluble in ethanol, methanol, DMF and DMSO.
Technical Data:	HPLC, NMR, FTIR, and MS analysis may be available. For more info, please email info@toku-e.com .
References:	Collett JH et al (1970) The effects of some tetracyclines on synchronously growing cultures of <i>Escherichia coli</i> B/r J. Pharm. Pharmacol. 22(9): 672-678 Zurhelle G et al (2000) Metabolites of oxytetracycline, tetracycline, and chlortetracycline and their distribution in egg white, egg yolk, and hen plasma J. Agric. Food Chem. 48(12): 6392-6396