



Anhydrotetracycline HCl, EvoPure[®] PRODUCT DATA SHEET

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Product Name:	Anhydrotetracycline HCl, EvoPure [®]
Product Number:	T055
CAS Number:	13803-65-1
Molecular Formula:	C ₂₂ H ₂₂ N ₂ O ₇ · xHCl (lot specific)
Molecular Weight:	426.42 (Free base)
Form:	Powder
Appearance:	Yellow
Elemental Analysis:	Conforms
Storage Conditions:	-20°C
Description:	Anhydrotetracycline hydrochloride (ATC) is a tetracycline derivative routinely used in tetracycline mediated gene expression. Anhydrotetracycline hydrochloride does not have antibiotic properties and is soluble in ethanol (2 mg/mL) and DMSO (10 mg/mL).
Technical Data:	HPLC, NMR, FTIR, and MS analysis may be available. For more info, please email info@toku-e.com .
References:	Gossen, Manfred. "Anhydrotetracycline, a Novel Effector for Tetra." <i>Nucleic Acids Research</i> 21.18 (1993): 4411-412. Ncbi.gov. Web. 3 May 2013. Skerra, Arne. "Use of the tetracycline promoter for the tightly regulated production of a murine antibody fragment in< i> Escherichia coli." <i>Gene</i> 151.1 (1994): 131-135.

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