

Data Sheet

Anhydrotetracycline hydrochloride (AHT)

Cat. No.: 2-0401-001, 2-0401-002

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Description	Anhydrotetracycline is an efficient inducer of the tetracycline promoter on pASK-IBA vectors*. For induction of an <i>E. coli</i> shaking culture carrying a pASK-IBA expression plasmid it is used in a final concentration of 200 µg per liter culture using a 2 mg/ml (in DMF; N,N-Di-Methyl-Formamide or ethanol) stock solution
Full Name / CAS-No.	Anhydrotetracycline hydrochloride, 13803-65-1
Formula	C ₂₂ H ₂₂ N ₂ O ₇ HCl
MW	462.88 g/mol
Stability	12 months after shipping
Storage	recommended: -25 to -15 °C, protect from moisture and light. Alternatively, product can be dissolved in DMF or ethanol.
Shipping	room temperature
Hazards	Product is classified as hazardous according to (EC) No 1272/2008 [CLP]. Please see provided Material Safety Data Sheet.

* Skerra (1994). Use of the tetracycline promoter for the tightly regulated production of a murine antibody fragment in *Escherichia coli*. Gene 151, 131-135.



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