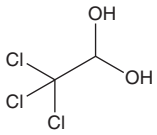
PRODUCT INFORMATION

Chloral hydrate (exempt preparation)

Item No. 43501

CAS Registry No.:	302-17-0
Formal Name:	2,2,2-trichloro-1,1-ethanediol
Synonym:	NSC 3210
MF:	$C_2H_3Cl_3O_2$
FW:	165.4
Purity:	≥95%
UV/Vis.:	λ_{max}: 204 nm
Supplied as:	A 1 mg/ml solution in acetonitrile
Storage:	-20°C
Stability:	≥3 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Chloral hydrate (exempt preparation) (Item No. 43501) is an analytical reference standard categorized as a sedative. It is metabolized to trichloroethanol *in vivo*, which enhances Cl^- currents activated by low concentrations of GABA.[1] Chloral hydrate (exempt preparation) (Item No. 43501) is provided as a DEA exempt preparation. This product is intended for research and forensic applications.

Reference

1. Peoples, R.W. and Weight, F.F. Trichloroethanol potentiation of γ-aminobutyric acid-activated chloride current in mouse hippocampal neurones. *Br. J. Pharmacol.* **113(2)**, 555-563 (1994).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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