

Product Information

2,2,2-Tribromoethanol, Purity $\geq 98\%$

Cat. No.: X24-09-YM1360

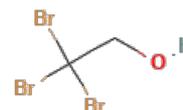
Size: 500 mg; 1 g; 2 g; 5 g

MDL: MFCD00004671

CAS Number: 75-80-9

Compound CID: 6400

Synonym: 75-80-9; Tribromoethanol; Tribromoethyl alcohol; Avertin; Bromethol; Ethobrome; Tribromethanol; Ethobrom; Basibrol; Narcolan; Narcotyl; Narkolan; Rectanol; 2,2,2-Tribromoethanol



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	2,2,2-Tribromoethanol, soluble in DMSO, water, and ethanol, is an organic compound used to anesthetize mice. The molecular weight of the compound is 282.76, and its molecular formula is $C_2H_3Br_3O$.
Molecular Weight	282.76
Molecular Formula	$C_2H_3Br_3O$
IUPAC Name	2,2,2-Tribromoethanol
InChI	InChI=1S/C2H3Br3O/c3-2(4,5)1-6/h6H,1H2
InChI Key	YFSDPIBEUFTMI-UHFFFAOYSA-N
Canonical SMILES	<chem>C(C(Br)(Br)Br)O</chem>
Isomeric SMILES	<chem>C([C@@H](CN)O)C(=O)O</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 52 mg/mL (183.89 mM); Water: 52 mg/mL (183.89 mM); Ethanol: 52 mg/mL (183.89 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	2,2,2-Tribromoethanol plays a key role in research applications where temporary immobilization of



animals is needed for experimental procedures.

Storage

Store at -20°C, and keep desiccated.
