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DATASHEET

Tetraethylammonium chloride (TEA)

Product overview

Name	Tetraethylammonium chloride (TEA)
Cat No	HB1088
Alternative names	TEA
Biological action	Blocker
Description	Non-selective K ⁺ channel blocker

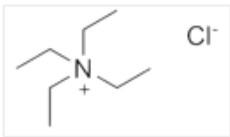
Biological Data

Biological description	Non-selective K ⁺ channel blocker. Induces synaptic plasticity in the hippocampus. Causes vascular smooth muscle contractions.
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Solubility & Handling

Storage instructions	Room temperature (desiccate)
Solubility overview	Soluble in water (100mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	<i>N,N,N,N</i> -Tetraethylammonium chloride
Molecular Weight	165.2
Chemical structure	
Molecular Formula	C ₈ H ₂₀ ClN
CAS Number	56-34-8
PubChem identifier	5946
SMILES	CC[N+](CC)(CC)CC.[Cl-]
InChi	InChI=1S/C8H20N.ClH/c1-5-9(6-2,7-3)8-4;/h5-8H2,1-4H3;1H/q+1;/p-1
InChiKey	YMBCJWGVUCUEGHA-UHFFFAOYSA-M
MDL number	MFCD00011828