

Tetracaine HCl - Names and Identifiers


Name	tetracaine hydrochloride
Synonyms	Tonexol Decicain Menonasal
CAS	136-47-0
EINECS	205-248-5
InChI	InChI=1/C15H24N2O2.ClH/c1-4-5-10-16-14-8-6-13(7-9-14)15(18)19-12-11-17(2)3;/h6-9,16H,4-5,10-12H2,1-3H3;1H
InChIKey	PPWHTZKZQNXXVAE-UHFFFAOYSA-N

Tetracaine HCl - Physico-chemical Properties

Molecular Formula	C15H25ClN2O2
Molar Mass	300.82
Density	1.1279 (rough estimate)
Melting Point	149°C
Boling Point	389.4°C at 760 mmHg
Flash Point	189.3°C

Water Solubility	Soluble in water at 50mg/ml
Solubility	alcohol: soluble soluble 40 parts of solvent
Vapor Pressure	2.87E-06mmHg at 25°C
Appearance	neat
Color	White to Almost white
Merck	14,9188
pKa	8.39(at 25°C)
Storage Condition	2-8°C
Refractive Index	1.5200 (estimate)
Use	Used as a local anesthetic

Tetracaine HCl - Risk and Safety

Hazard Symbols	T - Toxic 
Risk Codes	R25 - Toxic if swallowed R36 - Irritating to the eyes R43 - May cause sensitization by skin contact

	R42/43 - May cause sensitization by inhalation and skin contact.
Safety Description	<p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S36/37 - Wear suitable protective clothing and gloves.</p> <p>S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)</p> <p>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.</p> <p>S22 - Do not breathe dust.</p> <p>S53 - Avoid exposure - obtain special instructions before use.</p>
UN IDs	2811
WGK Germany	3
RTECS	DG4900000
HS Code	29224999
Hazard Class	6.1
Packing Group	III
Toxicity	LD50 i.p. in mice: 70 mg/kg (Dawes); also reported as LD50 in female mice (mg/kg): 13 i.v.; 35 s.c. (Bopp)