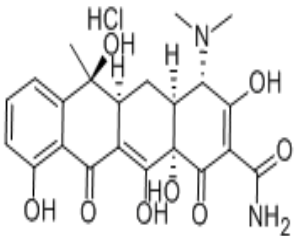


TETRACYCLINE HYDROCHLORIDE

Item	Value
PRODUCT NAME	Tetracycline hydrochloride
PRODUCT IMAGE	
CAS NUMBER	64-75-5
WEIGHT	480.9
FORMULA	C ₂₂ H ₂₅ ClN ₂ O ₈
PROPERTIES	<p> Melting point: : 220-223℃(lit.) alpha : -252 ° (c=0.5, H₂O) refractive index : -253 ° (C=0.5, 0.1mol/L HCl) storage temp. : 2-8℃ solubility : H₂O: 10-160mg/mL as a stock solution. Stock solutions should be filtered sterilized and stored at -20℃. Stable at 37℃ for 4 days. form : powder color : faint yellow to yellow PH : pH(10g/l, 25 °) : 1.8 ~ 3.0 optical activity : [α]_D -255 to 240 ° (Specific rotation) Water Solubility : 50 g/L Sensitive : Air & Light Sensitive Merck : 14,9196 BRN : 3844873 Stability : Stable. Incompatible with strong oxidizing agents. InChIKey : XMEVHPAGJVLHIG-FMZCEJRJSA-N CAS DataBase Reference : 64-75-5(CAS DataBase Reference) EPA Substance Registry System : 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6, 10,12,12a-pentahydroxy-6- methyl-1,11-dioxo-, monohydrochloride, (4S,4aS,5aS,6S,12aS)-(64-75-5) </p>
SAFETY	<p> Hazard Codes:Xi,Xn Risk Statements:36/37/38-20/21/22 Safety Statements:26-36 RIDADR:UN 3077 9 / PGIII WGK Germany:2 RTECS:Q1910000 F:8-10-23 TSCA:Yes HazardClass:3 HS Code:29413000 Toxicity:LD50 orally in rats: 6443 mg/kg (Goldenthal) </p>

