

Lipid TD5

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Lipid TD5, an ionizable cationic lipid (pKa = 7.3), is utilized in the creation of lipid nanoparticles (LNPs) for mRNA delivery both in vitro and in vivo. These LNPs are internalized via endocytosis in a serotonin (5-HT) receptor subtype 1A-dependent manner in primary mouse astrocytes. When administered intrathecally, LNPs containing lipid TD5 preferentially target the brain over the liver and spleen in mice.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481