

TNP-GTP tetrasodium

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	TNP-GTP tetrasodium is a fluorescently labeled GTP derivative. It acts as an inhibitor of glutamate dehydrogenase ($K_i = 2.7 \mu\text{M}$) and serves as an antagonist for purinergic P2X2 and P2X2/3 receptors with IC_{50} values of 0.4 and 1.2 nM, respectively. Additionally, TNP-GTP tetrasodium inhibits rat soluble guanylyl cyclase ($K_i = 1.1 \text{ nM}$).
Targets(IC_{50})	Guanylate cyclase,P2X Receptor

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