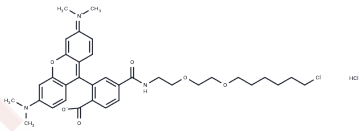
Data Sheet (Cat.No.T212706L)

TargetMol

Halo tag TMR HCL

Chemical Properties



CAS No. :

Formula: C35H43Cl2N3O6

Molecular Weight: 672.64

Storage: Keep away from direct sunlight
Store at -20°C
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Halo tag TMR HCL (2764890-88-0 Free base) is a red fluorescent dye composed of a HaloTag ligand and TMR (TAMRA). This probe binds rapidly and stably to Halo protein covalently with high specificity and affinity, with excitation/emission wavelengths of 550/576 nm.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4867 mL	7.4334 mL	14.8668 mL
5 mM	0.2973 mL	1.4867 mL	2.9734 mL
10 mM	0.1487 mL	0.7433 mL	1.4867 mL
50 mM	0.0297 mL	0.1487 mL	0.2973 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Benink HA, et al. HaloTag technology for specific and covalent labeling of fusion proteins. Methods Mol Biol. 2015; 1266:119-28.

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