

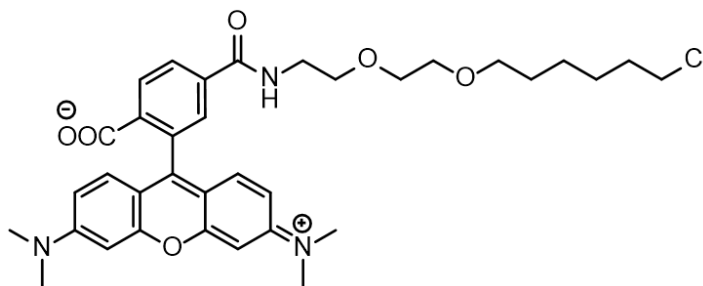
6-TMR-HTL



6-TMR HaloTag® Ligand (6-TMR-HTL) is a cell-permeable fluorescent labeling reagent designed for the covalent labeling of HaloTag fusion proteins in live or fixed cells. The bright 6-tetramethylrhodamine (6-TMR, 6-TAMRA) fluorophore enables sensitive detection of HaloTag®-tagged proteins.

Available in these sizes:

4100-HTL-A	5 mg x 1
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Description

CAS number	2764890-88-0
PubChem CID	58905806
Molecular Weight	636 g/mol
Solubility	DMSO
Storage	-20°C
Appearance	Dark to light red film or pellet
Container	1.5 mL polypropylene cryogenic vial

LCMS

	Agilent 1220 Infinity II
Column	Phenomenex 00D-4251-E0 Luna C ₁₈ , 4.6 x 100 mm, 100Å, 3 µm
UV-Vis Diode Array Detector	254 nm
Purity	≥ 85%
Single Quad MS Detector	ESI positive
Molecular Ion	636.3 ± 0.5 m/z [M+H] ⁺

Absorbance Spectrum

	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	PBS+1X Pluronic F-127
Absorbance max	553 ± 3 nm

¹H NMR Spectrum

	Bruker Avance 400
Solvent	CDCl ₃
Spectra	Product conforms to structure

Fluorescence Spectrum

	Horiba Jobin Yvon FluoroMax Plus Spectrofluorometer
Solvent	PBS+1X Pluronic F-127
Excitation max	554 ± 3 nm
Emission max	580 ± 3 nm



Cells expressing HaloTag® are required when using this product.

HaloTag® is a registered trademark of the ProMega Corporation.