

Catalog	Unit
TBI5110 - 1MG	1 mg
TBI5110 - 5MG	5 mg

Product Details

Formal Name: 1-(3',6'-dihydroxy-3-oxospiro[2-benzofuran-1,9'-xanthene]-5-yl)-3-[2-(4-hydroxyphenyl)ethyl]thiourea

Molecular Formula: C₂₉H₂₂N₂O₆S

Formula Weight: 526.56

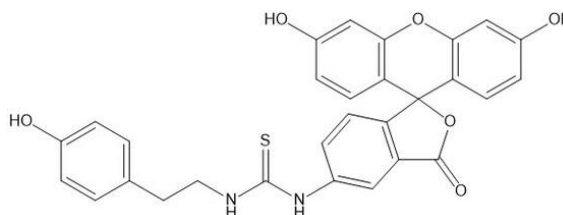
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 35 mg/ml) or in Ethanol (up to 30 mg/ml)

Storage: -20°C / protect from light

Stability: ≥ 2 years.



Applications

Signal amplification reagent for antibody assays

Functions

FITC-tyramide is a reagent for use in catalyzed reporter deposition (CARD) signal amplification protocols in a variety of immunoassays in which horseradish peroxidase catalyzes local deposition of FITC tyramide. Typically used in multiplex immunohistochemistry (IHC), even allowing antibodies of the same species to be used. Also useful in fluorescent in situ hybridization (FISH), including plant chromosomes, which are notorious for their repetitive regions. Can also be used in more unique ways, to detect dimerization, or reactive oxygen species.

Application Procedures

First dissolved in DMSO (35 mg/ml) or ethanol (30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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