

Product Name: Digoxigenin Tyramide

Catalog No.: 7236

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Weight: 680.87
Physical Appearance: Off White solid
Solubility: DMSO to 100 mM
Storage: Store at -20°C

2. ANALYTICAL DATA

HPLC: Shows 97.5% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Name: Digoxigenin Tyramide**Catalog No.:** 7236**1****Description:**

Digoxigenin Tyramide is a hapten-labeled tyramide reagent used for Tyramide Signal Amplification (TSA) in immunohistochemistry (IHC), immunocytochemistry (ICC), and in situ hybridization (ISH). It uses horseradish peroxidase (HRP) to catalyze localized deposition of Digoxigenin Tyramide molecules. Digoxigenin Tyramide is suitable for either fluorescence or chromogenic detection.

Physical and Chemical Properties:

Batch Molecular Weight: 680.87

Physical Appearance: Off White solid

Minimum Purity: ≥95%**Storage:** Store at -20°C**Solubility & Usage Info:**

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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