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TOCRIS

Print Date: Dec 1st 2025

Certificate of Analysis

www.tocris.com

Product Name: CoraFluor™ 1, Haloalkane **Catalog No.:** 8817 **Batch No.:** 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Weight:	1524.93
Physical Appearance:	Pale pink solid
Storage:	Store at -20°C

2. ANALYTICAL DATA

Mass Spectrum:	Consistent with structure

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Product Name: CoraFluor™ 1, Haloalkane **Catalog No.:** 8817 **Batch No.:** 1

Description:

CoraFluor™ 1, Haloalkane is a cell impermeable terbium-based time-resolved Förster resonance energy transfer (TR-FRET) donor for TR-FRET assay development, such as target engagement and ternary complex assays. CoraFluor™ 1, Haloalkane is designed with chloroalkane ligand for reactivity with haloalkane dehalogenase labeled proteins. It is exceptionally bright, providing unmatched assay sensitivity and stability in biological media over other commercially available TR-FRET donors. CoraFluor™ 1, Haloalkane is compatible with common acceptor dyes such as FAM, TMR and Cyanine 5, SE (Cat. No. 5436), enabling seamless assay in... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Batch Molecular Weight: 1524.93

Physical Appearance: Pale pink solid

Storage: Store at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

Solubility & Usage Info:

This product is supplied in lyophilized form. It may appear as a solid, gel or film and be very hard to visualize. Solutions should be made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved.

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.

Other Information:

We certify that this product meets out quality release criteria

Licensing Information:

Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

References:

Payne *et al* (2021) Bright and stable luminescent probes for target engagement profiling in live cells. Nat.Chem.Biol. ***17*** 1168. PMID: 34675420.

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