

CUG [3-Carboxyumbelliferyl-β-D-galactopyranoside]

Cat. No. DYE-146 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description	CUG is a fluorogenic galactosidase substrate with carboxy reactive handle that can be used for conjugation. The organic and inorganic esters and glycosides of 7-hydroxycoumarin are among the most commonly used fluorogenic substrates. These substrates yield water-soluble blue fluorescent coumarin fluorophores upon interaction with enzymes.
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Molecular Mass	368.29
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Ex(nm)	386
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Em(nm)	448
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Solvent	DMSO
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Storage	Store at -20°C in the dark. Dessicated.
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