
Product Data Sheet

Product Name: CUG
Cat. No.: GC33601

Chemical Properties

Cas. No. 64664-99-9

SMILES OC(C1=CC2=CC=C(O[C@@H]3O[C@@H]([C@H](O)[C@H](O)[C@H]3O)CO)C=C2OC1=O)=O

Formula C₁₆H₁₆O₁₀ M.Wt 368.29

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

CUG (3-Carboxyumbelliferyl-β-D-galactopyranoside) is a fluorogenic substrate ($\lambda_{ex}=386$, $\lambda_{em}=445$ nm, $\epsilon=32K$).

Caution: Product has not been fully validated for medical applications. For research use only.

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