
Product Data Sheet

Product Name: Rubrofusarin triglucoside

Cat. No.: GC61255

Chemical Properties

Cas. No. 245724-07-6

SMILES OC1=C2C(OC(C)=CC2=O)=CC3=C1C(O[C@@H]([C@@H]([C@H]4O)O)[C@@H]([C@H]4O)CO[C@H](O[C@@H]5CO)[C@@H]([C@H]([C@@H]5O)O)[C@@H]([C@@H]([C@H]6O)O)O)[C@@H]([C@H]6O)CO)O)=CC(OC)=C3

Formula C₃₃H₄₂O₂₀

M.Wt

758.67

Solubility

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**

Rubrofusarin triglucoside is a glycoside compound isolated from *Cassia obtusifolia* Linn seeds. Rubrofusarin triglucoside inhibits human monoamine oxidase A (hMAO-A) with an IC₅₀ of 85.5 μM[1].

[1]. Pradeep Paudel, et al. Rubrofusarin as a Dual Protein Tyrosine Phosphate 1B and Human Monoamine Oxidase-A Inhibitor: An in Vitro and in Silico Study. ACS Omega. 2019 Jul 3;4(7):11621-11630.

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

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