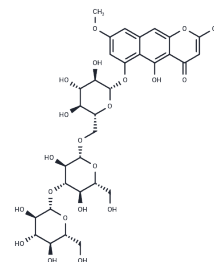


## Rubrofusarin triglucoside

## Chemical Properties

CAS No. :	245724-07-6
Formula:	C33H42O20
Molecular Weight:	758.679
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Rubrofusarin triglucoside, a glycoside isolated from <i>Cassia obtusifolia</i> Linn seeds, demonstrates inhibitory activity against human monoamine oxidase A (hMAO-A), exhibiting an IC50 value of 85.5 $\mu$ M[1].
Targets(IC50)	Others, Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3181 mL	6.5904 mL	13.1808 mL
5 mM	0.2636 mL	1.3181 mL	2.6362 mL
10 mM	0.1318 mL	0.659 mL	1.3181 mL
50 mM	0.0264 mL	0.1318 mL	0.2636 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481