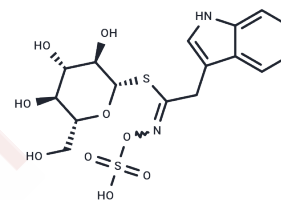


Glucobrassicin potassium

Chemical Properties

CAS No. :	143231-38-3
Formula:	C ₁₆ H ₁₉ KN ₂ O ₉ S ₂
Molecular Weight:	486.56
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	Glucobrassicin (potassium), a glucosinolate (GSL) derived from wild carrot (<i>Raphanus raphanistrum</i> L.), is utilized in biological fumigation and allelopathy studies for weed control [1].
Targets(IC50)	Others, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0552 mL	10.2762 mL	20.5524 mL
5 mM	0.411 mL	2.0552 mL	4.1105 mL
10 mM	0.2055 mL	1.0276 mL	2.0552 mL
50 mM	0.0411 mL	0.2055 mL	0.411 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.

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