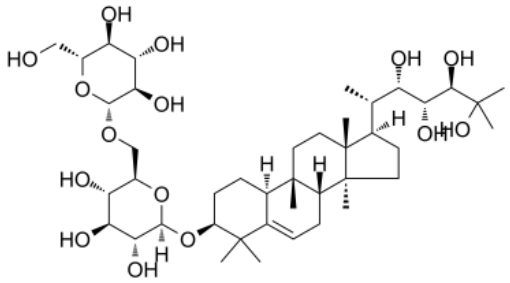
Product Data Sheet

Product Name: Momordicoside A
Cat. No.: GC38486

Chemical Properties

Cas. No.	75801-95-5		
SMILES	C[C@]([C@@]1(CC2)C)(CC[C@]1([H])[C@H](C)[C@H](O)[C@@H](O)[C@@H](O)C(C)(O)C)[C@@](CC=C3[C@@]4([H])CC[C@H](O[C@]([C@@H]([C@@H](O)[C@@H]5O)O)([H])O[C@@H]5CO[C@@H]([C@@H]([C@@H](O)[C@@H]6O)O)O[C@@H]6CO)C3(C)C)([H])[C@]42C		
Formula	$C_{42}H_{72}O_{15}$	M.Wt	817.01
Solubility	DMSO : 100 mg/mL (122.40 mM; Need ultrasonic)	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

Momordicoside A is isolated from Momordica charantia L. Momordicoside A has the inhibitory effect on protein tyrosine phosphatase (PTP1B)[1].

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
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[1]. SHI Xue-ping, et al. Isolation of the saponins from Momordica charantia and their PTP1B inhibition activity. Journal of Shaanxi Normal University,2008 ,36 (4) :63-67.

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