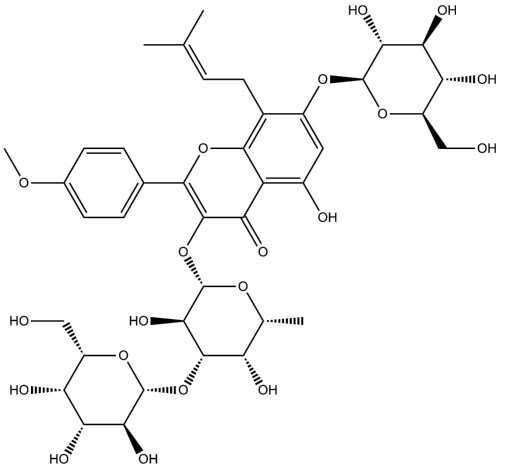
Product Data Sheet

Product Name: Epimedin A1
Cat. No.: GN10170

Chemical Properties

Cas. No.	140147-77-9		
Chemical Name	3-[(2S,4S,5S)-3,5-dihydroxy-6-methyl-4-[(2S,5S)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxan-2-yl]oxy-5-hydroxy-2-(4-methoxyphenyl)-8-(3-methylbut-2-enyl)-7-[(2S,4S,5S)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxychromen-4-one		
SMILES	CC1C(C(C(C(O1)OC2=C(OC3=C(C2=O)C(=CC(=C3CC=C(C)C)OC4C(C(C(C(O4)CO)O)O)O)O)C5=CC=C(C=C5)OC)O)OC6C(C(C(C(O6)CO)O)O)O)O		
Formula	$C_{39}H_{50}O_{20}$	M.Wt	838.8
Solubility	≥ 31.4mg/mL in DMSO	Storage	
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



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

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