

Isoastragaloside I

Catalog No: tcsc3717



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

84676-88-0

Formula:

$C_{45}H_{72}O_{16}$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Isoastragaloside-I

Observed Molecular Weight:

869.04

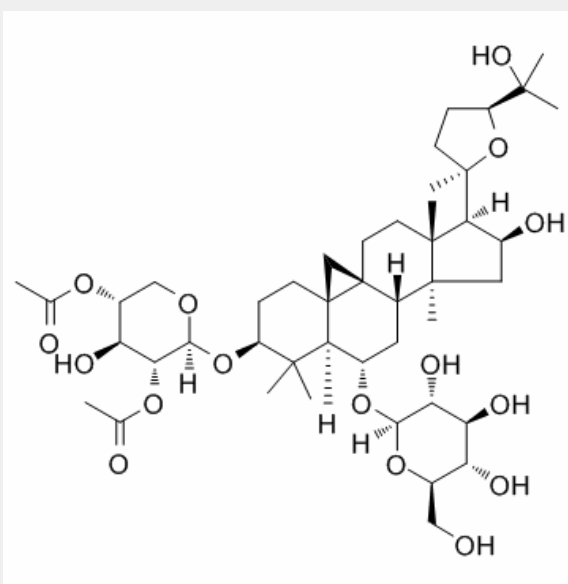
Product Description

Isoastragaloside I is a natural compound from the medicinal herb Radix Astragali; possesses the activity of elevating adiponectin production.

IC50 value:

Target:

Astragaloside II and isoastragaloside I selectively increased adiponectin secretion in primary adipocytes without any obvious effects on a panel of other adipokines. Furthermore, an additive effect on induction of adiponectin production was observed between these two compounds and rosiglitazone, a thiazolidinedione class of insulin-sensitizing drugs. Chronic administration of astragaloside II and isoastragaloside I in both dietary and genetic obese mice significantly elevated serum levels of total adiponectin and selectively increased the composition of its high molecular weight oligomeric complex.



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