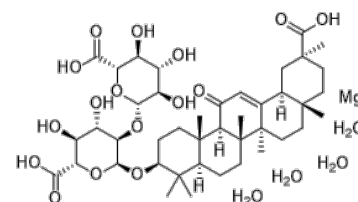


Product Name : Magnesium isoglycyrrhizinate hydrate
Cat. No. : PC-26387
CAS No. : 658701-67-8
Molecular Formula : $C_{42}H_{62}O_{16} \cdot 4H_2O \cdot Mg$
Molecular Weight : 919.30
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

Magnesium isoglycyrrhizinate (MgIG) is a stereoisomer of glycyrrhizic acid with more potent hepatoprotective activity and less side effects than glycyrrhizic acid, inhibits inflammatory response through STAT3 pathway, also inhibits the activation of the LPS/TLRs/NF- κ B signaling pathway in liver injury caused by anti-tuberculosis (anti-TB) drugs.

References

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Xie C, et al. Inflammation. 2015 Aug;38(4):1639-48.

Sun L, et al. J Clin Pharmacol. 2007 Jun;47(6):767-73.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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