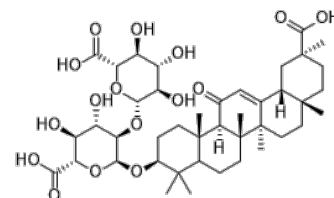


Product Name : NSC167409
Cat. No. : PC-24230
CAS No. : 1405-86-3
Molecular Formula : C₄₂H₆₂O₁₆
Molecular Weight : 822.94
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Glycyrrhizin (NSC167409, Glycyrrhizic acid) is a direct HMGB1 (high mobility group box 1) inhibitor, also is a specific inhibitor of EV-A71, blocks EV-A71 replication both in vivo and in vitro.

Glycyrrhizin (NSC167409) inhibits HMGB1-dependent inflammatory molecule expression and oxidative stress.

Glycyrrhizin (NSC167409) modulates P38 and P-JNK but not p-ERK signalling.

Glycyrrhizin (NSC167409) also inhibits 11 beta-hydroxysteroid dehydrogenase and monoamine oxidase (MAO).

References

Jun Li, et al. Nat Commun. 2025 Mar 13;16(1):2513.

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

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