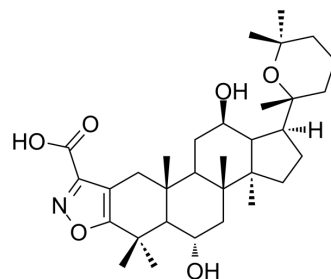


Anti-MI/R injury agent 1

Cat. No.:	HY-130272
CAS No.:	2387506-35-4
Molecular Formula:	C ₃₂ H ₄₉ NO ₆
Molecular Weight:	543.73
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anti-MI/R injury agent 1 (compound 18), a Panaxatriol derivative, is an orally active, potent anti-myocardial ischemia/reperfusion (anti-MI/R) injury agent. Anti-MI/R injury agent 1 enhances oxygen-glucose deprivation and reperfusion (OGD/R)-induced cardiomyocyte injury cell viability. Anti-MI/R injury agent 1 can markedly reduce myocardial infarction size, decrease circulating cardiac troponin I (cTnI) leakage, and alleviate cardiac tissue damage in the rats^[1].

REFERENCES

[1]. Qiong Wu, et al. Synthesis and biological evaluation of panaxatriol derivatives against myocardial ischemia/reperfusion injury in the rat. *Eur J Med Chem.* 2020 Jan 1;185:111729.

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

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