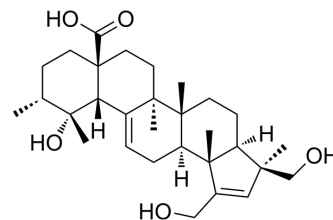


Rosamultic acid

Cat. No.:	HY-122928
CAS No.:	214285-76-4
Molecular Formula:	C ₃₀ H ₄₆ O ₅
Molecular Weight:	486.68
Target:	Apoptosis; Caspase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Rosamultic acid is an A-ring contracted triterpene, that can be isolated from the roots of *Rosa multiflora*. Rosamultic acid inhibits gastric cancer cells proliferation by inducing apoptosis mediated through cell cycle arrest, downregulation of cell cycle related protein expressions, inhibition of cell migration, DNA damage, and activation of caspases^{[1][2]}.

REFERENCES

[1]. Yeo H, et al. A-ring contracted triterpenoid from *Rosa multiflora*[J]. *Phytochemistry*, 1998, 48(8):1399-1401.

[2]. Sui CG, et al. Antiproliferative activity of rosamultic acid is associated with induction of apoptosis, cell cycle arrest, inhibition of cell migration and caspase activation in human gastric cancer (SGC-7901) cells. *Phytomedicine*. 2015 Aug 15;22(9):796-806.

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

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