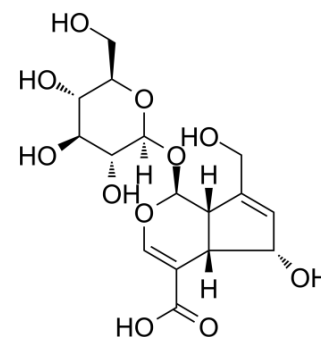


Deacetylasperulosidic Acid

Cat. No.:	HY-N0594
CAS No.:	14259-55-3
Molecular Formula:	C ₁₆ H ₂₂ O ₁₁
Molecular Weight:	390.34
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Deacetylasperulosidic acid (DAA) is a major phytochemical constituent of *Morinda citrifolia* fruit. Deacetylasperulosidic acid has antioxidant activity by increasing superoxide dismutase activity. Deacetylasperulosidic acid has anticlastogenic activity, suppressing the induction of chromosome aberrations in hamster ovary cells and mice^[1]. Deacetylasperulosidic acid prevents 4-nitroquinoline 1-oxide (4NQO) induced DNA damage in vitro, suppresses IL-2 production along with the activation of natural killer cells^[2].

REFERENCES

- [1]. Ma DL, et al. In vivo antioxidant activity of deacetylasperulosidic Acid in noni. *J Anal Methods Chem.* 2013;2013:804504.
- [2]. Murata K, et al. Activation of cell-mediated immunity by *Morinda citrifolia* fruit extract and its constituents. *Nat Prod Commun.* 2014 Apr;9(4):445-50.

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

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