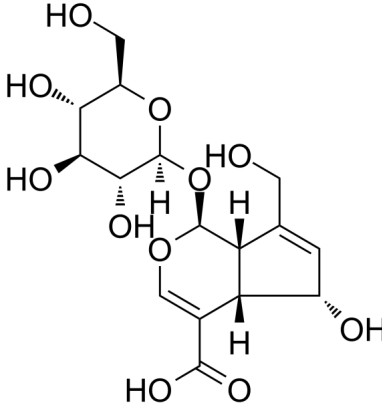


## Data Sheet

### Product Information

Catalog Number	BP15050
Product Name	Deacetylasperulosidic Acid
Description	Deacetylasperulosidic acid is a natural compound of Morinda citrifolia fruit. It has antioxidant activity by increasing superoxide dismutase activity. It also prevents 4-nitroquinoline 1-oxide (4NQO) induced DNA damage in vitro, suppresses IL-2 production along with the activation of natural killer cells.
Synonyms	Desacetyl asperulosidic acid
CAS No.	14259-55-3
Chemical Formula	C <sub>16</sub> H <sub>22</sub> O <sub>11</sub>
Molecular Weight	390.341
Solubility	DMSO: 10mg/ml(25.62mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of Deacetylasperulosidic Acid is a complex polycyclic molecule. It features a central five-membered ring with an oxygen atom at the top. This ring is substituted with a hydroxyl group (HO) on the left, a hydroxymethyl group (CH<sub>2</sub>OH) on the right, and a carboxylic acid group (COOH) at the bottom. The structure also includes several other rings and hydroxyl groups, with stereochemistry indicated by wedged and dashed bonds.</p>

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