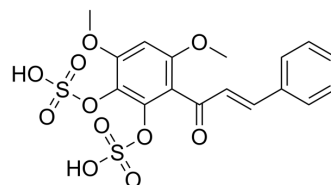


## DDC 2',3'-O-disulfate

Cat. No.:	HY-156179
Molecular Formula:	C <sub>17</sub> H <sub>16</sub> O <sub>11</sub> S <sub>2</sub>
Molecular Weight:	460.43
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DDC 2',3'-O-disulfate (compound 4) prevents the fibrillization and oligomerization of Aβ<sub>42</sub>. DDC 2',3'-O-disulfate has the potential for Alzheimer's disease (AD) research<sup>[1]</sup>.

### REFERENCES

[1]. Kota Taniwa, et al. Detection of Dietary Chalcone and Flavonoid Metabolites in Mice Using UPLC-MS/MS and Their Modulatory Effects on Amyloid β Aggregation. J Agric Food Chem. 2023 Oct 4;71(39):14289-14299.

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

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