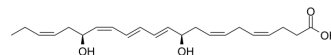


## Protectin D1

Cat. No.:	HY-130413
CAS No.:	660430-03-5
Molecular Formula:	C <sub>22</sub> H <sub>32</sub> O <sub>4</sub>
Molecular Weight:	360.49
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

Description	Protectin D1, neuroprotectin D1 when generated by neural cells, is a member of a new family of bioactive products generated from docosahexaenoic acid. Protectin D1 is also a specialized pro-resolving mediator with potent pro-resolving and anti-inflammatory effects in vivo in several human disease models <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### REFERENCES

- [1]. Tungen JE, et al. Synthesis of protectin D1 analogs: novel pro-resolution and radiotracer agents. *Org Biomol Chem*. 2018;16(36):6818-6823.
- [2]. Serhan CN, et al. Anti-inflammatory actions of neuroprotectin D1/protectin D1 and its natural stereoisomers: assignments of dihydroxy-containing docosatrienes [published correction appears in *J Immunol*. 2006 Mar 15;176(6):3843]. *J Immunol*. 2006;176(3):1848-1859.

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

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