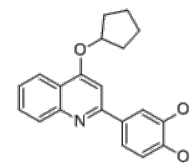


Product Name : CMS121
Cat. No. : PC-21269
CAS No. : 1353224-53-9
Molecular Formula : C₂₀H₁₉NO₃
Molecular Weight : 321.38
Target : Fatty Acid Synthase
Solubility : 10 mM in DMSO



Biological Activity

CMS121 is a small molecule fatty acid synthase (FASN) inhibitor, reduces lipid peroxidation and neuroinflammation both in vitro and in vivo.

CMS121 is able to rescue cells from oxytotic/ferroptotic cell death.

CMS121 decreases lipid peroxidation and has anti-inflammatory properties, modulates lipid metabolism.

CMS121 alleviates cognitive loss, modulates lipid metabolism and reduces inflammation and lipid peroxidation in the brains of transgenic AD mice.

References

Gamze Ates, et al. Redox Biol. 2020 Sep;36:101648.

Prior M., et al. ACS Chem. Neurosci. 2014;5:503–513.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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