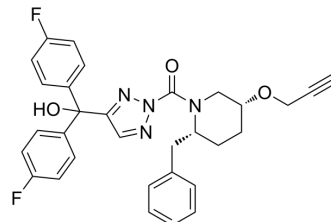


DH-376

Cat. No.:	HY-120171
CAS No.:	1848233-57-7
Molecular Formula:	C ₃₁ H ₂₈ F ₂ N ₄ O ₃
Molecular Weight:	542.58
Target:	MAGL
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DH-376 is a potent diacylglycerol lipase inhibitor with pIC ₅₀ values of 8.6 and 8.9 for ABHD6 and DAGLα, respectively. DH-376 prevents fasting-induced refeeding of mice ^[1] . DH-376 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.								
In Vivo	<p>DH-376 (50 mg/kg; i.p.) reduces fasting-induced refeeding of mice^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>male C57Bl/6J mice^[1]</td> </tr> <tr> <td>Dosage:</td> <td>50 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>intraperitoneal injection</td> </tr> <tr> <td>Result:</td> <td>Inhibitd fasting-induced refeeding.</td> </tr> </table>	Animal Model:	male C57Bl/6J mice ^[1]	Dosage:	50 mg/kg	Administration:	intraperitoneal injection	Result:	Inhibitd fasting-induced refeeding.
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REFERENCES

[1]. Deng H, et, al. Triazole Ureas Act as Diacylglycerol Lipase Inhibitors and Prevent Fasting-Induced Refeeding. J Med Chem. 2017 Jan 12;60(1):428-440.

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

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