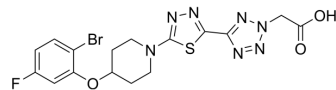


## MK-8245 analog

<b>Cat. No.:</b>	HY-114184
<b>CAS No.:</b>	1030612-87-3
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>15</sub> BrFN <sub>7</sub> O <sub>3</sub> S
<b>Molecular Weight:</b>	484.3
<b>Target:</b>	Stearoyl-CoA Desaturase (SCD)
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	MK-8245 analog (compound 6) is a potent stearoyl-CoA desaturase (SCD) inhibitor with an IC <sub>50</sub> of 7 nM for rat SCD. MK-8245 analog has antidiabetic and antidyslipidemic effects <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 7 nM (rat SCD) <sup>[1]</sup>

## REFERENCES

[1]. Renata M Oballa, et al. Development of a liver-targeted stearoyl-CoA desaturase (SCD) inhibitor (MK-8245) to establish a therapeutic window for the treatment of diabetes and dyslipidemia. J Med Chem. 2011 Jul 28;54(14):5082-96.

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

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