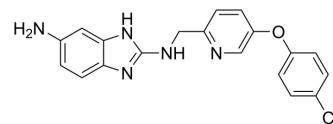


## 5-LOX-IN-3

Cat. No.:	HY-153279
CAS No.:	1875061-47-4
Molecular Formula:	C <sub>19</sub> H <sub>16</sub> ClN <sub>5</sub> O
Molecular Weight:	365.82
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	5-LOX-IN-3 (Compound 14) is a 5-Lipoxygenase inhibitor (IC <sub>50</sub> : <1 μM). 5-LOX-IN-3 can be used for research of inflammatory diseases, cancer, stroke and Alzheimer's disease <sup>[1]</sup> .
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### REFERENCES

[1]. Jaeseung Kim, et al. 2-amino-benzimidazole derivatives and their use as 5-lipoxygenase and/or prostaglandin synthase inhibitors. Patent WO2016016421A1.

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

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