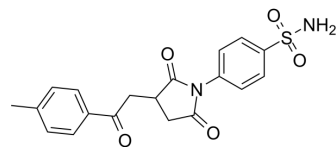


## COX-2-IN-13

Cat. No.:	HY-146371
CAS No.:	2987588-45-2
Molecular Formula:	C <sub>19</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> S
Molecular Weight:	386.42
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

COX-2-IN-13 (compound 13e) is a potent and selective inhibitor of COX-2 with an IC<sub>50</sub> of 0.98 μM. COX-2-IN-13 is an anti-inflammatory agent. COX-2-IN-13 shows safety in-vivo acute toxicity study<sup>[1]</sup>.

### REFERENCES

[1]. Jan MS, et al. Design, synthesis, in-vitro, in-vivo and in-silico studies of pyrrolidine-2,5-dione derivatives as multitarget anti-inflammatory agents. Eur J Med Chem. 2020;186:111863.

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

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