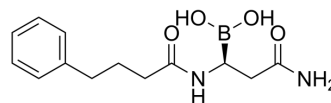


## MRV03-069

Cat. No.:	HY-151629
CAS No.:	2797066-35-2
Molecular Formula:	C <sub>13</sub> H <sub>19</sub> BN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	278.11
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	MRV03-069 (Compound 3) is a selective colibactin-activated peptidase (CibP) inhibitor that blocks the genotoxic effect of <a href="#">Colibactin</a> (HY-145930) on eukaryotic cells. MRV03-069 can be used in colorectal cancer research <sup>[1]</sup> .
IC <sub>50</sub> & Target	CibP <sup>[1]</sup> .
In Vitro	MRV03-069 can inhibit colibactin-associated genotoxicity without damaging other members of the gut microbiota <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Volpe MR, et al. A small molecule inhibitor prevents gut bacterial genotoxin production. Nat Chem Biol. 2022 Oct 17.

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

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