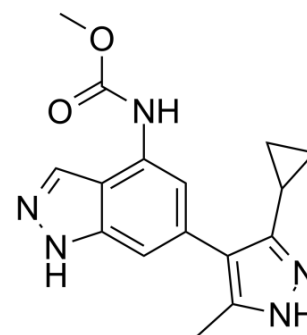


## DS28120313

Cat. No.:	HY-107980
CAS No.:	2146177-09-3
Molecular Formula:	C <sub>16</sub> H <sub>17</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	311.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

Description	DS28120313 (compound 32) is an orally hepcidin production inhibitor with an IC <sub>50</sub> of 0.093 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.093 μM (hepcidin production) <sup>[1]</sup>
In Vivo	DS28120313 (deliver orally; 30 mg/kg; 30 min before IL-6 administration) inhibits hepcidin production and reduces the blood hepcidin level in IL-6 induced acute inflammatory C57BL/6 mouse model <sup>[1]</sup> .

### REFERENCES

[1]. Fukuda T, et al. Discovery of DS28120313 as a potent orally active hepcidin production inhibitor: Design and optimization of novel 4,6-disubstituted indazole derivatives. *Bioorg Med Chem Lett*. 2017 Dec 1;27(23):5252-5257.

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

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