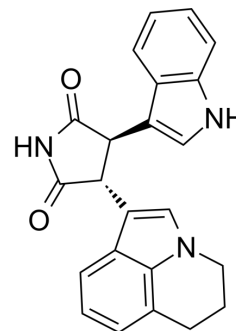


## (rel)-Tivantinib

|                    |   |       |          |
|--------------------|---|-------|----------|
| Cat. No.:          | HY-77493  |       |          |
| CAS No.:           | 905853-99-8   |       |          |
| Molecular Formula: | C <sub>23</sub> H <sub>19</sub> N <sub>3</sub> O <sub>2</sub> |       |          |
| Molecular Weight:  | 369.42  |       |          |
| Target:            | Others  |       |          |
| Pathway:           | Others  |       |          |
| Storage:           | Powder  | -20°C | 3 years  |
|                    |   | 4°C   | 2 years  |
|                    | In solvent  | -80°C | 6 months |
|                    |   | -20°C | 1 month  |



### BIOLOGICAL ACTIVITY

#### Description

(rel)-Tivantinib is a potent and highly selective inhibitor of the receptor tyrosine kinase c-MET. (rel)-Tivantinib has two novel targets, GSK3 $\alpha$  and GSK3 $\beta$ , which play an important role in the cellular mechanism of non-small cell lung cancer (NSCLC)<sup>[1]</sup>.

### REFERENCES

[1]. Rensing Rix LL, et al. GSK3 alpha and beta are new functionally relevant targets of tivantinib in lung cancer cells. ACS Chem Biol. 2014 Feb 21;9(2):353-8.

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

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