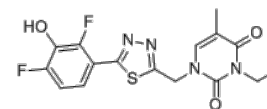


**Product Name** : BI-3231  
**Cat. No.** : PC-49633  
**CAS No.** : 2894848-07-6  
**Molecular Formula** : C<sub>16</sub>H<sub>14</sub>F<sub>2</sub>N<sub>4</sub>O<sub>3</sub>S  
**Molecular Weight** : 380.37  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

BI-3231 (BI 3231) is a potent, selective **HSD17B13** (hydroxysteroid 17β-dehydrogenase 13) inhibitor with enzyme IC<sub>50</sub> of 1 and 14 nM for human and mouse HSD17B13, respectively.

BI-3231 displays excellent selectivity versus the structurally related homolog HSD17B11 (IC<sub>50</sub>>10 μM), as well as good selectivity in a commercial SafetyScreen44 panel, Cerep.

BI-3231 is the first potent and selective chemical probe reported for HSD17B13, a potential new target for the treatment of NASH and other liver diseases.

## References

Thamm S, et al. *J Med Chem.* 2023 Feb 2. doi: 10.1021/acs.jmedchem.2c01884.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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