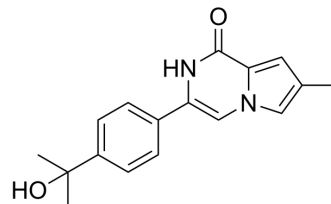


## Tankyrase-IN-5

Cat. No.:	HY-153332
CAS No.:	1460285-69-1
Molecular Formula:	C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	282.34
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tankyrase-IN-5 (Compound 30f), an analogue of MSC2504877 (HY-123851), is a tankyrase TNKS1 and TNKS2 inhibitor with IC <sub>50</sub> s of 2.3 nM and 7.9 nM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 2.3 nM (TNKS1), 7.9 nM (TNKS2), 1900 nM (PARP1) <sup>[1]</sup>

### REFERENCES

[1]. Buchstaller HP, et al. Optimization of a Screening Hit toward M2912, an Oral Tankyrase Inhibitor with Antitumor Activity in Colorectal Cancer Models. J Med Chem. 2021 Jul 22;64(14):10371-10392.

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

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