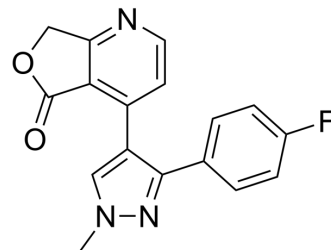


## CK1-IN-2

Cat. No.:	HY-153866
CAS No.:	1383376-92-8
Molecular Formula:	C <sub>17</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	309.29
Target:	Casein Kinase
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	CK1-IN-2 (compound Nr.4) is a potent CK1 inhibitor with an IC <sub>50</sub> values of 123, 19.8, 26.8, 74.3 nM for CK1a, CK1d, CK1e, p38a, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	CK1α 123 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Joris De Maeyer, et al. Casein kinase 1 inhibitors for use in the treatment of diseases related to dux4 expression such as muscular dystrophy and cancer. WO2020249717A1.

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

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