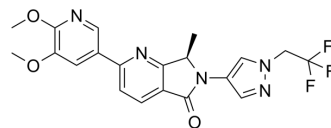


## PI3Ky inhibitor 2

Cat. No.:	HY-112286
CAS No.:	1315538-79-4
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> F <sub>3</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	433.38
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PI3Ky inhibitor 2 (Compound 16) is an orally bioavailable, CNS-penetrant, isoform selective PI3Ky inhibitor with a K <sub>i</sub> of 4 nM [1].
IC <sub>50</sub> & Target	PI3Ky 4 nM (K <sub>i</sub> )

### REFERENCES

[1]. Come JH, et al. Design and Synthesis of a Novel Series of Orally Bioavailable, CNS-Penetrant, Isoform Selective Phosphoinositide 3-Kinase  $\gamma$  (PI3Ky) Inhibitors with Potential for the Treatment of Multiple Sclerosis (MS). J Med Chem. 2018 Jun 28;61(12):5245-5256.

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

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