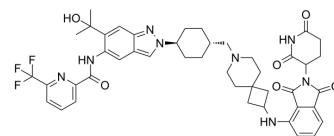


## KTX-497

Cat. No.:	HY-148276
CAS No.:	2432993-46-7
Molecular Formula:	C <sub>45</sub> H <sub>49</sub> F <sub>3</sub> N <sub>8</sub> O <sub>6</sub>
Molecular Weight:	854.92
Target:	IRAK
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	KTX-497 is an IRAK4 degrader with a DC <sub>50</sub> value of 3 nM. KTX-497 can be used for the research of oncology <sup>[1]</sup> .								
<b>IC<sub>50</sub> &amp; Target</b>	IRAK4 3 nM (DC <sub>50</sub> ) <b>Caution: Product has not been fully validated for medical applications. For research use only.</b>								
<b>In Vitro</b>	<p>Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com</p> <p>KTX-497 has activity for IRAK4 with a DC<sub>50</sub> value of 3 nM<sup>[1]</sup>.  <small>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</small></p>								
<b>In Vivo</b>	<p>KTX-497 (oral; 10 mg/kg) impacts oral absorption<sup>[1]</sup>.  <small>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</small></p> <table border="1"> <tr> <td>Animal Model:</td> <td>Rat<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>10 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Oral</td> </tr> <tr> <td>Result:</td> <td>Impacted oral absorption.</td> </tr> </table>	Animal Model:	Rat <sup>[1]</sup>	Dosage:	10 mg/kg	Administration:	Oral	Result:	Impacted oral absorption.
Animal Model:	Rat <sup>[1]</sup>								
Dosage:	10 mg/kg								
Administration:	Oral								
Result:	Impacted oral absorption.								

### REFERENCES

[1]. Discovery and characterization of IRAKIMiDs: degraders targeting both IRAK4 and IMiD substrates for oncology indications.