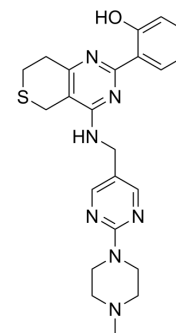


## EGFR-IN-104

Cat. No.:	HY-161319
CAS No.:	2758904-45-7
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> N <sub>7</sub> OS
Molecular Weight:	449.57
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	EGFR-IN-104 (Compound A23) is an effective inhibitor of EGFR, with IC <sub>50</sub> values of 0.33 μM and 0.133 μM against EGFR L858R/T790M and EGFR <sup>Del19/T790M/C797S</sup> , respectively. EGFR-IN-104 exhibits anticancer activity both in vitro and in vivo <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	EGFR <sup>L858R/T790M</sup> 0.33 μM (IC <sub>50</sub> )	EGFR <sup>L858R/T790M/C797S</sup> 0.133 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Xu S, et al. Novel bioactive 2-phenyl-4-aminopyrimidine derivatives as EGFR<sup>Del19/T790M/C797S</sup> inhibitors for the treatment of non-small cell lung cancer. Arch Pharm (Weinheim). 2024 Feb;357(2):e2300460.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA