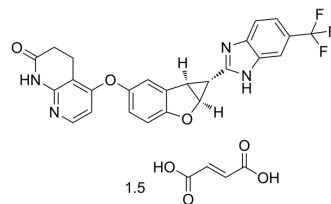


Lifirafenib maleate

| | |
|--------------------|---|
| Cat. No.: | HY-18957B |
| CAS No.: | 1854985-74-2 |
| Molecular Formula: | $C_{25}H_{17}F_3N_4O_3 \cdot 3/2C_4H_4O_4$ |
| Molecular Weight: | 652.53 |
| Target: | EGFR; Raf |
| Pathway: | JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; MAPK/ERK Pathway |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | Lifirafenib (BGB-283) maleate is a novel and potent Raf Kinase and EGFR inhibitor with IC ₅₀ values of 23 and 29 nM for recombinant BRAF ^{V600E} and EGFR, respectively ^[1] . |
| IC ₅₀ & Target | IC50: 23 nM (recombinant BRAFV600E), 29 nM (EGFR) ^[1] |

CUSTOMER VALIDATION

- J Med Virol. 2022 Oct 17.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Tang Z, et al. BGB-283, a Novel RAF Kinase and EGFR Inhibitor, Displays Potent Antitumor Activity in BRAF-Mutated Colorectal Cancers. Mol Cancer Ther. 2015 Oct;14(10):2187-97.

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

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