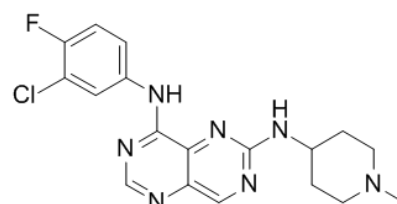


Product Name : BIBX 1382
Cat. No. : PC-42522
CAS No. : 196612-93-8
Molecular Formula : C₁₈H₁₉ClFN₇
Molecular Weight : 387.8418
Target : EGFR
Solubility : DMSO: ≥ 41 mg/mL



Biological Activity

BIBX 1382 (Falinidamol) is a selective **EGFR** inhibitor with IC₅₀ of 3 nM.

BIBX 1382 shows weak activity against HER2 (IC₅₀=3.4 μM) and no inhibition on IGF1R, HGFR, Src, and VEGFR2 (IC₅₀>10 μM).

BIBX 1382 inhibits EGF-induced phosphorylation of EGFR in a dose-dependent manner in A431 cells; orally active in xenografts mice.

References

Solca FF, et al. J Pharmacol Exp Ther. 2004 Nov;311(2):502-9.

Hutzler JM, et al. Drug Metab Dispos. 2014 Oct;42(10):1751-60.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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