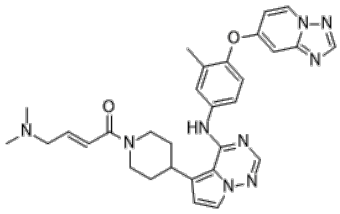
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	IAM1363
Cat. No.	:	PC-26757
CAS No.	:	3031413-24-5
Molecular Formula	:	$C_{30}H_{33}N_9O_2$
Molecular Weight	:	551.66
Target	:	EGFR
Solubility	:	10 mM in DMSO



CAS: 3031413-24-5

Biological Activity

IAM1363 (IAM-1363, IAM-H1, ENT-H1) is a potent, irreversible and selective Type II inhibitor of **HER2**, prevents phosphorylation and activation of wild-type HER2 and variants with activating mutations in the tyrosine kinase domain.
IAM1363 exhibits >500-fold biochemical selectivity for HER2 over EGFR and >400-fold cellular selectivity in HER2- versus EGFR-driven cell lines.
IAM1363 effectively inhibitsHER2-dependent cell growth and survival.
IAM1363 inhibits both wildtype HER2 and oncogenic HER2 mutants, including the recalcitrant exon 20 mutations.

References

Z.J. Huang, et al. Journal of Thoracic Oncology Volume 20, Issue 10, Supplement 1, October 2025, Page S441.

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

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