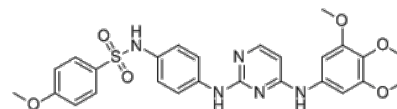


Product Name : Fam20C inhibitor 3r
Cat. No. : PC-49525
CAS No. : 2615358-19-3
Molecular Formula : C₂₆H₂₇N₅O₆S
Molecular Weight : 537.59
Target : Casein Kinase
Solubility : 10 mM in DMSO



Biological Activity

Fam20C inhibitor 3r is a novel small-molecule inhibitor of **Fam20C** that induces apoptosis and inhibits migration in triple negative breast cancer.

Fam20C inhibitor 3r has strong anti-proliferative activity in MDA-MB-231 cells, with an IC₅₀ = 5.986 μM.

Fam20C inhibitor 3r induces apoptosis and exerts obvious anti-migration activity in MDA-MB-231 cells.

Fam20C inhibitor 3r has good therapeutic potential in TNBC xenograft model without apparent toxicity.

References

Rongyan Zhao, et al. *Eur J Med Chem.* 2021 Jan 15;210:113088.

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

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