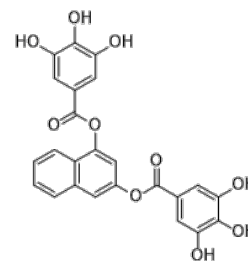


Product Name : UCM05
Cat. No. : PC-25151
CAS No. : 1094451-90-7
Molecular Formula : C₂₄H₁₆O₁₀
Molecular Weight : 464.38
Target : Bacterial
Solubility : 10 mM in DMSO



CAS: 1094451-90-7

Biological Activity

UCM05 is a specific small molecule inhibitor of bacterial cell division targeting the GTP-binding site of FtsZ with Kb of 43 uM, inhibits the growth of the Gram-positive bacterium B. subtilis with MIC of 100 uM, also is a fatty acid synthase (FASN) inhibitor with activity against HER2+ breast cancer.

References

Ruiz-Avila LB, et al. ACS Chem Biol. 2013 Sep 20;8(9):2072-83.

Li S, et al. Virol J. 2025 Jul 19;22(1):249.

Teresa Puig, et al. Breast Cancer Res. 2011;13(6):R131.

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

E-mail: tech@probechem.com