

Product Datasheet

Anti-inflammatory agent 84 (orb3134087)

Catalog Number	orb3134087
Category	Small Molecules
Description	Anti-inflammatory agent 84 (Compound 4D) is a coumarin derivative with notable antibacterial and anti-inflammatory properties. It inhibits E. coli, Candida albicans, Staphylococcus aureus, and methicillin-resistant S. aureus (MRSA) with MIC values of 312, 156, 19, and 316 µg/mL, respectively. Additionally, it suppresses biofilm formation of S. aureus, E. coli, and MRSA, with IC50 values of 185, 321, and 99 µM, respectively. Anti-inflammatory agent 84 also reduces nitric oxide production in lipopolysaccharide-stimulated RAW264.7 macrophages.
Target	Antibacterial,Antifungal
Formula	$C_{21}H_{12}N_2O_6S_2$
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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