
G43

产品编号: D56286

CAS: 690693-02-8

分子式: C₁₆H₁₁N₃O₄S

纯度: 99.21%

InChi Key: InChIKey=BTTXJIMSRRTAQM-UHFFFAOYSA-N

Smiles: O=C(N)C=1C=CC=CC1NC(=O)C=2SC=3C=CC(=CC3C2)N(=O)=O

外观: 固体粉末

作用通路: Metabolism;Microbiology/virology

作用靶点: Transferase;Antibacterial

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: G43 is a potent and selective glucosyltransferase inhibitor that inhibits GtfB and GtfC with K_d values of 3.7 μM and 46.9 nM, respectively. G43 exhibits in vitro and in vivo anti-Streptococcus mutans activity and can be used for caries studies.