

Product Data Sheet

Product Name: BRITE-338733

Cat. No.: GC61529

Chemical Properties

Cas. No. 503105-88-2

SMILES OC1=CC=C(C)C=C1C2=NC(NC3CC(C)(C)NC(C)(C)C3)=CC(C4=CC=C(CC)O4)=C2

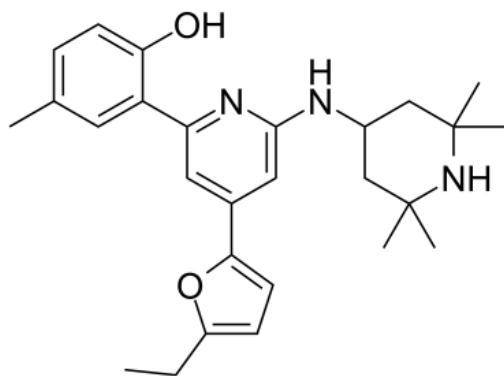
Formula $C_{27}H_{35}N_3O_2$ M.Wt 433.59

Solubility DMSO: 10 mg/mL (23.06 mM; ultrasonic and adjust pH to 4 with HCl) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

BRITE-338733 is a RecA ATPase inhibitor, with an IC₅₀ of 4.7 μM[1].

[1]. Sexton JZ, et al. Novel Inhibitors of E. coli RecA ATPase Activity. Curr Chem Genomics. 2010;4:34-42. Published 2010 May 26.

Caution: Product has not been fully validated for medical applications. For research use only.

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