
Chlorambucil

产品编号: D56091

CAS: 305-03-3

分子式: C₁₄H₁₉Cl₂NO₂

纯度: 99.58%

InChi Key: InChiKey=JCKYGMPEJWAADB-UHFFFAOYSA-N

Smiles: OC(=O)CCCC1ccc(cc1)N(CCCl)CCCl

外观: 固体粉末

作用通路: DNA Damage/DNA Repair

作用靶点: DNA Alkylation; DNA Alkylator/Crosslinker

溶解性: DMSO:56 mg/mL (184.1 mM);Ethanol:56 mg/mL (184.1 mM);Water:<1 mg/mL

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

产品介绍: Chlorambucil is an orally-active antineoplastic aromatic nitrogen mustard. Chlorambucil alkylates and cross-links DNA during all phases of the cell cycle, resulting in disruption of DNA function, cell cycle arrest, and apoptosis.