
Product Data Sheet

Product Name: CKD 602
 Cat. No.: GC50105

Chemical Properties

Cas. No.

SMILES O=C1C2=C([C@](CC)(O)C(OC2)=O)C=C3C4=NC5=CC=CC=C5C(CCNC(C)C)=C4CN31.OP(O)(O)=O

Formula C25H27N3O4.H3PO4 M.Wt 531.49

Solubility Soluble in DMSO 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

Topoisomerase I inhibitor. Forms stable DNA-topoisomerase complexes during DNA replication and induces cell cycle arrest in the G2/M phase. Inhibits growth of a range of cancer cell lines in vitro, as well as of ovarian and leukemia tumors in vivo.

Kim et al (2015) Anticancer effects of CKD-602 (Camtobell®) via G2/M phase arrest in oral squamous cell carcinoma cell lines. *Oncol.Lett.* 9 136 PMID:25435947 | Jung et al (2006) The synergism between Belotecan and cisp. in gastric cancer. *Cancer Res.Treat.* 38 159 PMID:19771277

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

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