

# Product Information

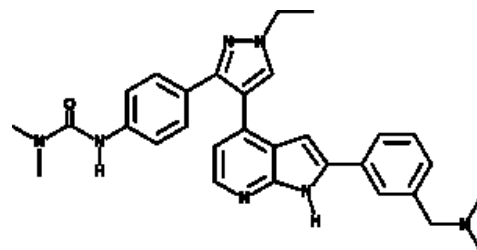


**GSK1070916**

Cat No: 22953 - 1 mg

## General Data

<b>Shipping:</b>	dry ice
<b>Formulation:</b>	A crystalline solid
<b>Purity:</b>	≥98%



## Product Overview

GSK1070916 is a potent and ATP-competitive inhibitor of Aurora kinases B and C ( $K_{is} = 0.38$  and  $1.5$  nM, respectively).{43055} It is >250-fold selective for Aurora B and C over Aurora A. GSK1070916 inhibits proliferation of A549 lung cancer cells in vitro ( $EC_{50} = 7$  nM). It also inhibits proliferation in a panel of 100 tumor cell lines ( $EC_{50}$ s = via induction of polyploidy and apoptosis).{43056} In vivo, GSK1070916 inhibits histone H3 phosphorylation in a COLO 205 mouse xenograft model and induces tumor regression in an HL-60 mouse xenograft model.{43055} It also reduces tumor growth in 10 mouse xenograft models, including models of breast, colon, and lung carcinomas as well as leukemias.{43056}

FP/22/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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