



Product Information

Product ID G7444

CAS No. 942918-07-2

Chemical Name

Synonym GSK1070916, NMI-900

Formula C₃₀H₃₃N₇O

Formula Wt. 507.63

Melting Point

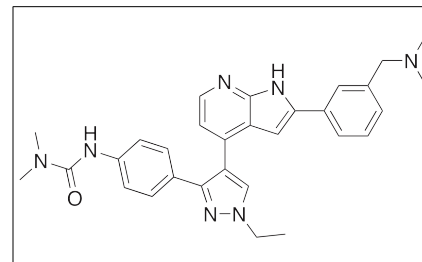
Purity ≥98%

Solubility DMSO 93 mg/mL (183.2 mM)
Ethanol 8 mg/mL (15.75 mM)
Water Insoluble

Store Temp -20°C

Ship Temp Ambient

Description GSK-1070916 is an inhibitor of aurora kinases B and C (AurB/C) that exhibits anticancer chemotherapeutic activity. GSK-1070916 prevents AurB from phosphorylating serine 10 of histone H3. In cellular and animal models of lung cancer, GSK-1070916 inhibits cellular proliferation and induces tumor regression. In models of colon cancer, breast cancer, and leukemia, this compound inhibits cell division, induces apoptosis, and suppresses tumor growth.



Pricing and Availability

Bulk quantities available upon request

| Product ID | Size | List Price |
|------------|-------|------------|
| G7444 | 1 mg | \$114.50 |
| G7444 | 5 mg | \$193.20 |
| G7444 | 10 mg | \$336.40 |

References Adams ND, Adams JL, Burgess JL, et al. Discovery of GSK1070916, a potent and selective inhibitor of Aurora B/C kinase. J Med Chem. 2010 May 27;53(10):3973-4001. PMID: 20420387.

Hardwicke MA, Oleykowski CA, Plant R, et al. GSK1070916, a potent Aurora B/C kinase inhibitor with broad antitumor activity in tissue culture cells and human tumor xenograft models. Mol Cancer Ther. 2009 Jul;8(7):1808-17. PMID: 19567821.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.