



LKT Laboratories, Inc.

SCH-772984

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## Product Information

Product ID S0929

CAS No. 942183-80-4

Chemical Name

Synonym SCH772984

Formula  $C_{33}H_{33}N_9O_2$

Formula Wt. 587.69

Melting Point

Purity  $\geq 98\%$

Solubility DMSO 14 mg/mL warmed  
(23.82 mM)

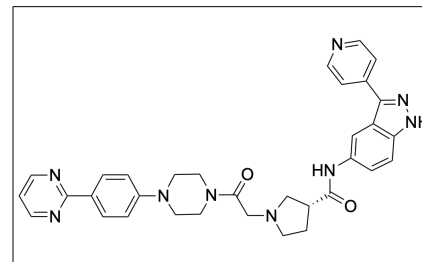
Water Insoluble

Ethanol Insoluble

Store Temp  $-20^{\circ}\text{C}$

Ship Temp Ambient

Description SCH-772984 is an inhibitor of ERK1/2 that exhibits anticancer chemotherapeutic activity. This compound inhibits cell and tumor growth in a variety of models, including cells featuring B-Raf, NRAS, and KRAS mutations.



**Bulk quantities available upon request**

Product ID	Size
S0929	1 mg
S0929	5 mg
S0929	10 mg
S0929	25 mg

References Nissan MH, Rosen N, Solit DB. ERK pathway inhibitors: how low should we go? Cancer Discov. 2013 Jul;3(7):719-21. PMID: 23847348.

Morris EJ, Jha S, Restaino CR, et al. Discovery of a novel ERK inhibitor with activity in models of acquired resistance to BRAF and MEK inhibitors. Cancer Discov. 2013 Jul;3(7):742-50. PMID: 23614898.

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