



LKT Laboratories, Inc.

LEE-011

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Product Information

Product ID L1616

CAS No. 1211441-98-3

Chemical Name

Synonym LEE011, Ribociclib

Formula $C_{23}H_{30}N_8O$

Formula Wt. 434.54

Melting Point

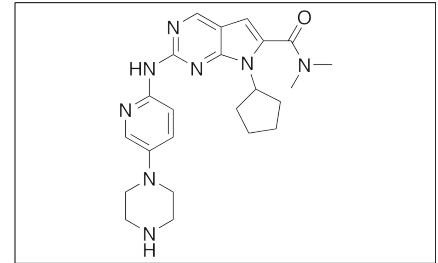
Purity $\geq 98\%$

Solubility DMSO 7 mg/mL (16.1 mM)
Water Insoluble
Ethanol Insoluble

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

Ship Temp Ambient

Description LEE011 is an inhibitor of CDK4/6 that exhibits anticancer chemotherapeutic activity. In neuroblastoma cells, LEE011 induces cell cycle arrest and cellular senescence, inhibiting proliferation. In animal models, LEE011 inhibits tumor xenograft growth.



Bulk quantities available upon request

Product ID	Size
L1616	1 mg
L1616	5 mg
L1616	10 mg
L1616	25 mg
L1616	100 mg

References Rader J, Russell MR, Hart LS, et al. Dual CDK4/CDK6 inhibition induces cell-cycle arrest and senescence in neuroblastoma. *Clin Cancer Res.* 2013 Nov 15;19(22):6173-82. PMID: 24045179.

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