



LKT Laboratories, Inc.

AZD-2461

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Product Information

Product ID A9612

CAS No. 1174043-16-3

Chemical Name

Synonym

Formula $C_{22}H_{22}FN_3O_3$

Formula Wt. 395.43

Melting Point

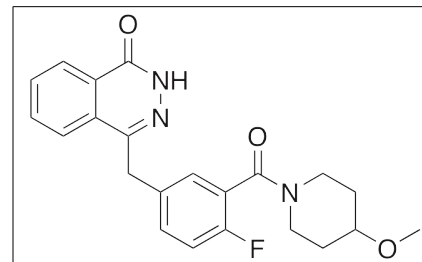
Purity $\geq 98\%$

Solubility DMSO 79 mg/mL (199.78 mM)
Ethanol 31 mg/mL (78.39 mM)
Water Insoluble

Store Temp -20°C

Ship Temp Ambient

Description AZD-2461 is a novel anticancer chemotherapeutic currently in clinical trials. This compound acts as a poly(ADP)-ribose polymerase-1 (PARP1) inhibitor, potentially beneficial in homologous recombination-deficient tumors such as BRCA1-associated cancers. Unlike most PARP inhibitors, AZD-2461 is not a substrate for P-glycoprotein and is thus unlikely to incur related resistance mechanisms.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A9612	5 mg	\$125.00
A9612	25 mg	\$325.00

References Jaspers JE, Kersbergen A, Boon U, et al. Loss of 53BP1 causes PARP inhibitor resistance in Brca1-mutated mouse mammary tumors. Cancer Discov. 2013 Jan;3(1):68-81. PMID: 23103855.

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