



LKT Laboratories, Inc.

RAD51 inhibitor, B02

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Product Information

Product ID B560000

CAS No. 1290541-46-6

Chemical Name

Synonym B02 RAD51 inhibitor;

Formula $C_{22}H_{17}N_3O$

Formula Wt. 339.40

Melting Point

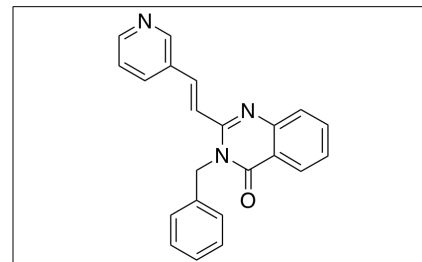
Purity $\geq 98\%$

Solubility

Store Temp 4°C

Ship Temp Ambient

Description B02 is a RAD51 inhibitor. RAD51 is a homologous recombination protein, involved in the repair of double strand breaks in DNA. It is often overexpressed in cancers, making it an interesting target for anti-cancer therapies. Suppressing RAD51 activity increases the sensitivity of cancer cells to other therapies. In human breast cancer cells, B02 increased the anti-cancer effect of doxorubicin, etoposide, topotecan, and cisplatin.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B560000	5 mg	\$64.90
B560000	25 mg	\$194.70
B560000	100 mg	\$596.90

References Huang F., Mazin A., et al. A Small Molecule Inhibitor of Human RAD51 Potentiates Breast Cancer Cell Killing by Therapeutic Agents in Mouse Xenografts. PLoS One. 9(6): e100993 (2014). PMID: 24971740.

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