



LKT Laboratories, Inc.

BML-277

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID B5044

CAS No. 516480-79-8

Chemical Name 2-[4-(4-Chlorophenoxy)phenyl]-1H-benzimidazole-5-carboxamide

Synonym Chk2 Inhibitor II

Formula C₂₀H₁₄ClN₃O₂

Formula Wt. 363.80

Melting Point

Purity ≥98%

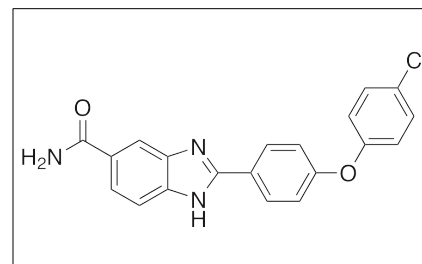
Solubility

DMSO	72 mg/mL
Ethanol	21 mg/mL
Water	Insoluble

Store Temp -20°C

Ship Temp Ambient

Description BML-277 (Chk2 Inhibitor II) is an arylbenzimidazole inhibitor of checkpoint kinase (CHK) 2. This compound displays cytoprotective activity, protecting CD4+ and CD8+ T cells against radiation-induced apoptosis.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B5044	5 mg	\$114.80
B5044	25 mg	\$459.40

References Arienti KL, Brunmark A, Axe FU, et al. Checkpoint kinase inhibitors: SAR and radioprotective properties of a series of 2-arylbenzimidazoles. J Med Chem. 2005 Mar 24;48(6):1873-85. PMID: 15771432.

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