



LKT Laboratories, Inc.

K252c

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lctlabs.com

Web: lctlabs.com

Product Information

Product ID K0023

CAS No. 85753-43-1

Chemical Name

Synonym

Formula $C_{20}H_{13}N_3O$

Formula Wt. 311.34

Melting Point

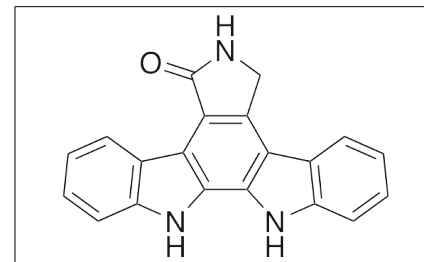
Purity $\geq 98\%$

Solubility Soluble in chloroform, acetonitrile, acetone, dioxane, tetrahydrofuran, pyridine; soluble in ethanol, methanol, 1-propanol, ethyl acetate and

Store Temp $4^{\circ}C$

Ship Temp Ambient

Description K252c is an aglycone analog of staurosporine that acts as a protein kinase inhibitor, inhibiting PKC and potentially PKA. K252c inhibits proliferation of human cytomegalovirus (CMV) and induces apoptosis in cancer cells, indicating some antiviral and anticancer chemotherapeutic activities.



Bulk quantities available upon request

Product ID	Size
K0023	1 mg
K0023	5 mg

References Liu R, Zhu T, Li D, et al. Two indolocarbazole alkaloids with apoptosis activity from a marine-derived actinomycete Z(2)039-2. Arch Pharm Res. 2007 Mar;30(3):270-4. PMID: 17424930.

Zimmermann A, Wilts H, Lenhardt M, et al. Indolocarbazoles exhibit strong antiviral activity against human cytomegalovirus and are potent inhibitors of the pUL97 protein kinase. Antiviral Res. 2000 Oct;48(1):49-60. PMID: 11080540.

Fabre S, Prudhomme M, Rapp M. Protein kinase C inhibitors; structure-activity relationships in K252c-related compounds. Bioorg Med Chem. 1993 Sep;1(3):193-6. PMID: 8081852.

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