



LKT Laboratories, Inc.

KT5823

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID K7602

CAS No. 126643-37-6

Chemical Name

Synonym

Formula $C_{28}H_{23}N_3O_5$

Formula Wt. 495.5

Melting Point

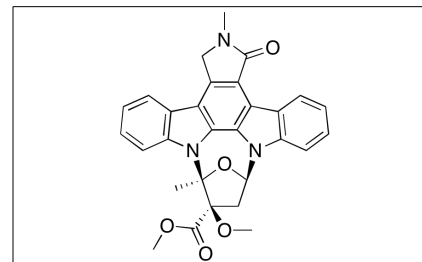
Purity $\geq 98\%$

Solubility DMSO, Ethyl Acetate

Store Temp 4° C

Ship Temp Ambient

Description KT5283 is an inhibitor of PKG and is used to measure PKG activity and downstream effects of PKG/cGMP signaling.



Bulk quantities available upon request

Product ID	Size
K7602	100 μ g
K7602	1 mg

References Salloum FN, Das A, Samidurai A, et al. Cinaciguat, a novel activator of soluble guanylate cyclase, protects against ischemia/reperfusion injury: role of hydrogen sulfide. *Am J Physiol Heart Circ Physiol.* 2012 Mar 15;302(6):H1347-54. PMID: 22268103.

Moreno H, Vega-Saenz de Miera E, Nadal MS, et al. Modulation of Kv3 potassium channels expressed in CHO cells by a nitric oxide-activated phosphatase. *J Physiol.* 2001 Feb 1;530(Pt 3):345-58. PMID: 11281123.

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