



LKT Laboratories, Inc.

## HPGDS-inhibitor-1

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: [getinfo@lctlabs.com](mailto:getinfo@lctlabs.com)

Web: [lctlabs.com](http://lctlabs.com)

### Product Information

**Product ID** H6225

**CAS No.** 1033836-12-2

**Chemical Name**

**Synonym** Prostaglandin D Synthase (hematopoietic-type) Inhibitor I, H-PGDS Inhibitor I, MDK36122

**Formula** C<sub>19</sub>H<sub>19</sub>F<sub>4</sub>N<sub>3</sub>O

**Formula Wt.** 381.37

**Melting Point**

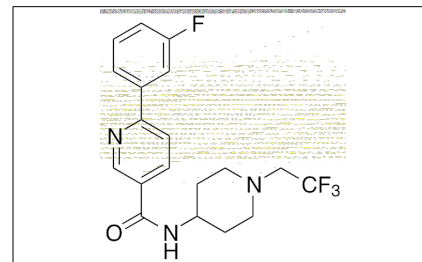
**Purity** ≥98%

**Solubility** 10 mM in DMSO

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** HPGDS Inhibitor 1 is an inhibitor of hematopoietic prostaglandin D synthase (HPGDS) that decreases release of PGD<sub>2</sub>. HPGDS Inhibitor 1 displays anti-inflammatory, anti-allergic, and immunomodulatory activities, decreasing antigen-induced immune and inflammation responses in animal models.



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
H6225	1 mg	\$92.90
H6225	5 mg	\$260.10
H6225	10 mg	\$476.90

**References** Carron CP, Trujillo JI, Olson KL, et al. Discovery of an Oral Potent Selective Inhibitor of Hematopoietic Prostaglandin D Synthase (HPGDS). ACS Med Chem Lett. 2010 Feb 2;1(2):59-63. PMID: 24900177.

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