



LKT Laboratories, Inc.

KX1-004

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Product Information

Product ID K9200

CAS No. 518058-84-9

Chemical Name

Synonym

Formula $C_{16}H_{13}FN_2O_2$

Formula Wt. 284.29

Melting Point

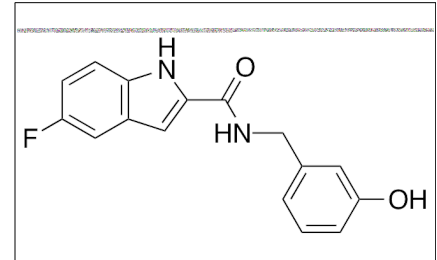
Purity $\geq 98\%$

Solubility DMSO: ≥ 42 mg/mL

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description KX1-004 is an indole that inhibits Src. This compound decreases apoptosis in hair cells to prevent noise-induced hearing loss.



Bulk quantities available upon request

Product ID	Size
K9200	1 mg
K9200	5 mg
K9200	25 mg

References Fetoni AR, Bielefeld EC, Paludetti G, et al. A putative role of p53 pathway against impulse noise induced damage as demonstrated by protection with pifithrin-alpha and a Src inhibitor. *Neurosci Res.* 2014 Apr-May;81-82:30-7. PMID: 24472721.

Bielefeld EC, Hangauer D, Henderson D. Protection from impulse noise-induced hearing loss with novel Src-protein tyrosine kinase inhibitors. *Neurosci Res.* 2011 Dec;71(4):348-54. PMID: 21840347.

Harris KC, Hu B, Hangauer D, et al. Prevention of noise-induced hearing loss with Src-PTK inhibitors. *Hear Res.* 2005 Oct;208(1-2):14-25. PMID: 15950415.

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