



LKT Laboratories, Inc.

Agomelatine

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

Product Information

Product ID A2658

CAS No. 138112-76-2

Chemical Name

Synonym

Formula $C_{15}H_{17}NO_2$

Formula Wt. 243.30

Melting Point

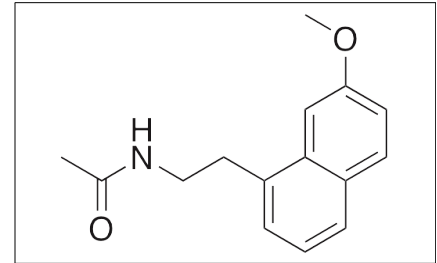
Purity $\geq 98\%$

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Agomelatine is a melatonin MT1/2 receptor activator that also inhibits 5-HT2C receptors. Agomelatine displays antidepressant, anxiolytic, and hypnotic characteristics and is currently being examined as a marketable antidepressant. Agomelatine improves sleep quality and efficacy and treats insomnia. This compound also enhances neuroplasticity and neurogenesis in the hippocampus and prefrontal cortex.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A2658	50 mg	\$70.60
A2658	100 mg	\$102.10
A2658	500 mg	\$416.00

References Smeraldi E, Delmonte D. Agomelatine in depression. *Expert Opin Drug Saf.* 2013 Nov;12(6):873-80. PMID: 24033095.

Pompili M, Serafini G, Innamorati M, et al. Agomelatine, a novel intriguing antidepressant option enhancing neuroplasticity: a critical review. *World J Biol Psychiatry.* 2013 Aug;14(6):412-31. PMID: 23530731.

Srinivasan V, Zakaria R, Othaman Z, et al. Melatonergic drugs for therapeutic use in insomnia and sleep disturbances of mood disorders. *CNS Neurol Disord Drug Targets.* 2012 Mar;11(2):180-9. PMID: 22483286.

Bertaina-Anglade V, la Rochelle CD, Boyer PA, et al. Antidepressant-like effects of agomelatine (S 20098) in the learned helplessness model. *Behav Pharmacol.* 2006 Dec;17(8):703-13. PMID: 17110796.

Papp M, Litwa E, Gruca P, et al. Anxiolytic-like activity of agomelatine and melatonin in three animal models of anxiety. *Behav Pharmacol.* 2006 Feb;17(1):9-18. PMID: 16377959.

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