



LKT Laboratories, Inc.

AK-7

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## Product Information

Product ID A4002

CAS No. 420831-40-9

Chemical Name

Synonym AK7

Formula  $C_{19}H_{21}BrN_2O_3S$

Formula Wt. 437.35

Melting Point

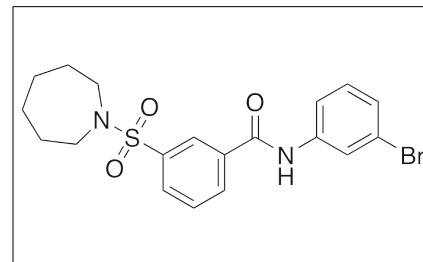
Purity  $\geq 98\%$

Solubility 100mM in DMSO

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

Ship Temp Ambient

**Description** AK-7 is an inhibitor of sirtuin 2 (SIRT2); sirtuins are considered class III histone deacetylases (HDACs). AK-7 exhibits neuroprotective activity, decreasing brain atrophy and improving motor function and survival in animal models of Huntington's disease.



**Bulk quantities available upon request**

Product ID	Size
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A4002	5 mg
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A4002	25 mg
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**References** Chopra V, Quinti L, Kim J, et al. The sirtuin 2 inhibitor AK-7 is neuroprotective in Huntington's disease mouse models. Cell Rep. 2012 Dec 27;2(6):1492-7. PMID: 23200855.

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