SMER28

Small molecule inducer of autophagy important for neurodegenerative disease research.

Chemical inducer of autophagy which acts via an mTOR-independent mechanism. It increased autophagosome synthesis and enhanced the clearance of model autophagy substrates such as A53T α-synuclein and mutant huntingtin fragments. It reduced Aβ peptide and AAP-CTF levels in an Alzheimers model and attenuated mutant huntingtin-fragment toxicity in Huntington's disease models, suggesting therapeutic potential.

Citations: 4 View Online »

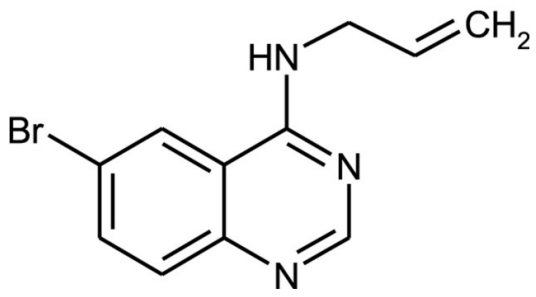
Ordering Information

Order Online »

BML-EI397-0005	5mg
BML-EI397-0025	25mg

Manuals, SDS & CofA

View Online »

HN CH2 Br N N	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-Bromo-4-allylaminoquinazoline
Appearance	Off-white solid.
CAS	307538-42-7
Formula	$C_{11}H_{10}BrN_3$
MW	264.1
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (8mg/ml) or 100% ethanol (2mg/ml).
Source	Synthetic.

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