

Product datasheet

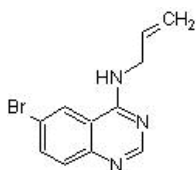
SMER28, mammalian autophagy regulator ab142127

1 Image

Overview

|                               |  |
|-------------------------------|--|
| <b>Product name</b>           | SMER28, mammalian autophagy regulator  |
| <b>Description</b>            | Positive mammalian autophagy regulator   |
| <b>Biological description</b> | Positive mammalian autophagy regulator. Increases autophagosome synthesis and enhances clearance of model autophagy substrates such as A53T $\alpha$ -synuclein. |
| <b>Purity</b>                 | > 98%  |
| <b>CAS Number</b>             | 307538-42-7  |

Chemical structure

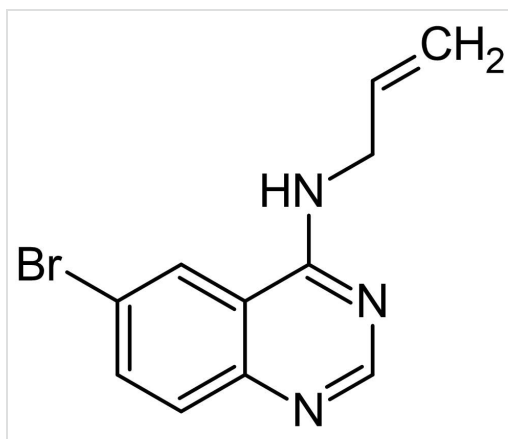


Properties

|                             |  |
|-----------------------------|--|
| <b>Chemical name</b>        | 6-Bromo- <i>N</i> -prop-2-enylquinazolin-4-amine   |
| <b>Molecular weight</b>     | 264.12   |
| <b>Molecular formula</b>    | C <sub>11</sub> H <sub>10</sub> BrN <sub>3</sub>   |
| <b>PubChem identifier</b>   | 1560402  |
| <b>Storage instructions</b> | Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.   |
| <b>Solubility overview</b>  | Soluble in DMSO to 75 mM   |
| <b>Handling</b>             | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.<br><br>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details. |
| <b>SMILES</b>               | C=CCNC1=NC=NC2=C1C=C(C=C2)Br   |
| <b>Source</b>               | Synthetic  |

## Images

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Chemical Structure - SMER28, mammalian autophagy regulator (ab142127)

2D chemical structure image of ab142127, SMER28, mammalian autophagy regulator

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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