

## Product Information

### HA15, Purity ≥98%

**Cat. No.:** X24-09-YM1388

**Size:** 5 mg; 10 mg; 20 mg; 50 mg

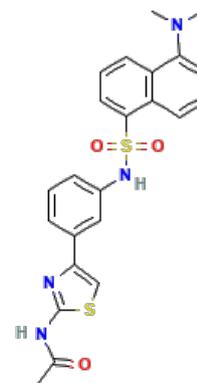
**CAS Number:** 1609402-14-3

**Compound CID:** 73890923

**Synonym:** 1609402-14-3; HA-15; HA 15; N

-[4-[3-[[5-(Dimethylamino)naphthalen-1-yl]sulfonylamino]phenyl]-1,3-thiazol-2-yl]acetamide

This product is for research use only and is not intended for diagnostic use.



### Product Information

<b>Description</b>	HA15, soluble in DMSO and ethanol and insoluble in water, is a molecule that targets specifically BiP/GRP78/HSPA5. The molecular weight of the compound is 466.58, and its molecular formula is C <sub>23</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub> S <sub>2</sub> .
<b>Molecular Weight</b>	466.58
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub> S <sub>2</sub>
<b>IUPAC Name</b>	N-[4-[3-[[5-(Dimethylamino)naphthalen-1-yl]sulfonylamino]phenyl]-1,3-thiazol-2-yl]acetamide
<b>InChI</b>	InChI=1S/C23H22N4O3S2/c1-15(28)24-23-25-20(14-31-23)16-7-4-8-17(13-16)26-32(29,30)22-12-6-9-18-19(22)10-5-11-21(18)27(2)3/h4-14,26H,1-3H3,(H,24,25,28)
<b>InChI Key</b>	LBSMEKVVMYSTIH-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC(=O)NC1=NC(=CS1)C2=CC(=CC=C2)NS(=O)(=O)C3=CC=CC4=C3C=CC=C4N(C)C
<b>Isomeric SMILES</b>	C[C@H](CCC(=O)O)[C@H]1CC[C@@H]2[C@@]1(C(=O)C[C@H]3[C@H]2C(=O)C[C@H]4[C@@]3(CCC(=O)C4)C)C
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Solubility</b>	<i>In vitro</i> : DMSO: 89 mg/mL (190.75 mM); Water: insoluble; Ethanol: 43 mg/mL
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	HA15 plays a key role in affecting many cellular stress responses and influencing apoptosis and cell



growth.

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**Storage**

Store at -20°C, and keep desiccated.

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