

<b>Product Name</b>	: AA147
<b>Synonyms</b>	: ATF6-activator-147
<b>Cat No.</b>	: M22642
<b>CAS Number</b>	: 393121-74-9
<b>Molecular Formula</b>	: C <sub>16</sub> H <sub>17</sub> NO <sub>2</sub>
<b>Formula Weight</b>	: 255.31
<b>Chemical Name</b>	: —
<b>Description</b>	AA147 is a small molecule endoplasmic reticulum (ER) proteostasis regulator. The selectively activates ATF6 arm of the unfolded protein response (UPR). It acts as a prodrug that preferentially triggers ATF6 signaling through a mechanism involving localized metabolic activation and selective covalent modification of ER resident proteins that regulate ATF6 activity.
<b>Pathway</b>	: Others
<b>Target</b>	: Other Targets
<b>Receptor</b>	: ATF6
<b>Solubility</b>	: —
<b>SMILES</b>	: <chem>Cc1ccc(O)c(NC(=O)CCc2ccccc2)c1</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Christina COOLEY, et al. Regulators of the endoplasmic reticulum proteostasis network. WO2017117430A1.