

## Product Datasheet

### hSTING activator-1 (orb3028214)

<b>Catalog Number</b>	orb3028214
<b>Category</b>	Small Molecules
<b>Description</b>	<p>hSTING activator-1 (Compound 68) is a STING agonist capable of effectively activating various human STING variants (R232, H232, HAQ), with EC50 values of 56 nM, 89 nM, and 51 nM, respectively. This compound activates the type I interferon pathway by directly binding to the STING protein and stabilizing its conformation, which leads to downstream IRF3 phosphorylation and cytokine release. hSTING activator-1 also demonstrates potential in cancer research by inhibiting fibrosarcoma tumor growth.</p>
<b>Target</b>	Interleukin,IFNAR,STING
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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