

## Product Datasheet

### Icerguastat Carbonate (orb3133121)

<b>Catalog Number</b>	orb3133121
<b>Category</b>	Small Molecules
<b>Description</b>	Icerguastat (Sephin1) Carbonate, a Guanabenz derivative lacking $\alpha$ 2-adrenergic activity, is a selective inhibitor of the phosphatase regulatory subunit PPP1R15A (R15A). It inhibits the dephosphorylation of eIF2 $\alpha$ , thereby prolonging the protective response. Additionally, Icerguastat Carbonate exhibits antiprion activity.
<b>Target</b>	Phosphatase
<b>MW</b>	258.66
<b>CAS Number</b>	1883549-35-6
<b>Formula</b>	C <sub>9</sub> H <sub>11</sub> ClN <sub>4</sub> O <sub>3</sub>
<b>SMILES</b>	O=C(O)O.C1C=1C=CC=CC1C=NNC(=N)N
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)