

## Product Datasheet

### MBX-102 acid (orb2945462)

<b>Catalog Number</b>	orb2945462
<b>Category</b>	Small Molecules
<b>Description</b>	MBX-102 acid is a selective partial agonist of the PPAR- $\gamma$ receptor, exhibiting high plasma protein binding primarily to serum albumin. This research compound is used in type 2 diabetes studies, including in vitro assays for receptor activation and in vivo models of insulin resistance and glucose homeostasis.
<b>Target</b>	PPAR
<b>MW</b>	330.686
<b>CAS Number</b>	23953-39-1
<b>Formula</b>	C <sub>15</sub> H <sub>10</sub> ClF <sub>3</sub> O <sub>3</sub>
<b>SMILES</b>	[C@H](OC1=CC(C(F)(F)F)=CC=C1)(C(O)=O)C2=CC=C(Cl)C=C2
<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  
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)