

Product Datasheet

SDH-IN-38 (orb3173339)

Catalog Number	orb3173339
Category	Small Molecules
Description	SDH-IN-38 (Compound IIIe) is an inhibitor of succinate dehydrogenase (SDH). This compound serves as an antifungal agent, demonstrating an EC50 value of 0.009 µg/mL against the mycelium of Rhizoctonia solani (R. solani). SDH-IN-38 inhibits mycelial growth by affecting mycelial respiration and can induce senescence in mycelial cells while reducing mitochondrial membrane potential.
Target	Antifungal
MW	462.82
CAS Number	3066787-57-0
Formula	C ₁₉ H ₁₂ ClF ₅ N ₂ O ₂ S
SMILES	O=C(NC=1C=CC=CC1OC2=CC=C(C=C2Cl)C(F)(F)F)C=3SC(=NC3C(F)F)C
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

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

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

Biorbyt LLC

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

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