

Product Datasheet

S-BAY-8040 (orb746537)

Catalog Number	orb746537
Description	S isomer of BAY-8040. Bay-8040 is a potent, selective human neutrophil elastase (HNE) inhibitor with IC ₅₀ of 28 nM; displays no significant inhibition toward 68 other pharmacologically relevant targets (>10 uM), and a panel of related serine proteases; shows in vivo efficacy with regard to decreasing cardiac remodeling and amelioration of cardiac function in monocrotaline-induced rat model for pulmonary arterial hypertension.
Note	For research use only
Formula	C ₂₁ H ₁₆ F ₃ N ₅ O ₂
Purity	> 98%, Standard References
MW	427.38
SMILES	<chem>C(C1C=CC([C@H]2NC(=O)N(C3C=C(C(F)(F)F)C=CC=3)C3=C2C(NN(C3)C)=O)=CC=1)N</chem>
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)