

Product Datasheet

Nelociguat (orb1299984)

Catalog Number	orb1299984
Category	Small Molecules
Description	Nelociguat (BAY60-4552) is a stimulator of soluble guanylate cyclase (sGC), a central enzyme in nitric oxide (NO) signaling. This research compound is used in vitro and in vivo to study cardiovascular and pulmonary diseases, including pulmonary hypertension, by potentiating the NO-sGC-cGMP pathway.
Target	Guanylate cyclase
Purity	99.19%
MW	408.39
Target Areas	Guanylate cyclase
Solubility (25°C)	DMSO:4.09 mg/mL (10.01 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (2.45 mM)
CAS Number	625115-52-8
Formula	C ₁₉ H ₁₇ FN ₈ O ₂
SMILES	COC(=O)Nc1c(N)nc(nc1N)-c1nn(Cc2ccccc2F)c2ncccc12
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
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
United States

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