

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	98.00% (May vary between batches)
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	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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