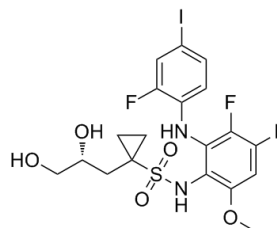


Product Name	: Refametinib R enantiomer
Synonyms	: BAY 869766 R enantiomer;RDEA119 R enantiomer;RDEA-119 R enantiomer;BAY 86-9766 R enantiomer
Cat No.	: M16610
CAS Number	: 923032-38-6
Molecular Formula	: C ₁₉ H ₂₀ F ₃ IN ₂ O ₅ S
Formula Weight	: 572.34
Chemical Name	: Cyclopropanesulfonamide, N-[3,4-difluoro-2-[(2-fluoro-4-iodophenyl)amino]-6-methoxyphenyl]-1-[(2R)-2,3-dihydroxypropyl]-
Description	: The R enantiomer of Refametinib, a potent, non-ATP-competitive, highly selective, allosteric inhibitor of MEK1/2 with IC ₅₀ of 19/47 nM respectively.
Pathway	: MAPK/ERK Signaling
Target	: MEK
Receptor	: MEK
Solubility	: DMSO
SMILES	: <chem>COC1=CC(=C(C(=C1NS(=O)(=O)C2(CC2)CC(CO)O)NC3=C(C=C(C=C3))F)F)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Iverson C, et al. Cancer Res. 2009 Sep 1;69(17):6839-47.| 2. Chang Q, et al. BMC Cancer. 2010 Sep 28;10:515.| 3. Schmieder R, et al. Neoplasia. 2013 Oct;15(10):1161-71.