

Product Name	: CAY10526
Synonyms	: CAY-10526; CAY 10526; BTH
Cat No.	: M27762
CAS Number	: 938069-71-7
Molecular Formula	: C ₁₂ H ₇ BrO ₃ S
Formula Weight	: 311.2
Chemical Name	: —
Description	CAY10526 is a selective mPGES-1 inhibitor that acts as an inhibitor of the NF-κB signaling pathway. (In Vitro): CAY10526 dose-dependently inhibits PGE ₂ production in lipopolysaccharide-stimulated RAW 264.7 cells with an IC ₅₀ value of 1.8 μM without any effect on COX-2 expression.
Pathway	: GPCR/G Protein
Target	: Prostaglandin Receptor
Receptor	: CDK
Solubility	: —
SMILES	: <chem>OC1OC(=O)C(Br)=C1c1cc2ccccc2s1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Tadesse S, Zhu G, Mekonnen LB, Lenjisa JL, Yu M, Brown MP, Wang S. A novel series of N-(pyridin-2-yl)-4-(thiazol-5-yl)pyrimidin-2-amines as highly potent CDK4/6 inhibitors. Future Med Chem. 2017 Sep;9(13):1495-1506.