

Product Name	: BMVC-8C3O
Synonyms	: —
Cat No.	: M21758
CAS Number	: 1301708-12-2
Molecular Formula	: C42H53I3N4O3
Formula Weight	: 1042.61
Chemical Name	: —
Description	: BMVC-8C3O induces topological conversion of Tel23 from a hybrid-I G4 to a parallel G4 in K+ solution. BMVC-8C3O binding can induce topological changes of different non-parallel human telomeric G4s into the same parallel topology.
Pathway	: GPCR/G Protein
Target	: Other Targets
Receptor	: —
Solubility	: DMSO : 62.5 mg/mL (59.95 mM; Need ultrasonic)
SMILES	: <chem>C[N+]1(CCCCCOCCOCCN2C3=C(C4=C2C=CC/C=C/C5=CC=[N+](C)C=C5)=C4)C=C/C=C/C6=CC=[N+](C)C=C6)C=C3)CCCCC1.[H].[H].[H]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Wang ZF, et al. A novel transition pathway of ligand-induced topological conversion from hybrid forms to parallel forms of human telomeric G-quadruplexes. Nucleic Acids Res. 2016 May 5;44(8):3958-68.