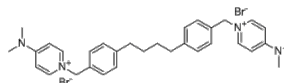


Product Name	: MN58b
Synonyms	: MN-58b; MN 58b
Cat No.	: M13164
CAS Number	: 203192-01-2
Molecular Formula	: C ₃₂ H ₄₀ Br ₂ N ₄
Formula Weight	: 640.51
Chemical Name	: 1,1'-((butane-1,4-diylbis(4,1-phenylene))bis(methylene))bis(4-(dimethylamino)pyridin-1-ium) bromide
Description	: MN58b is a potent, selective choline kinase α (ChoK α) inhibitor with IC ₅₀ of 1.4 μ M, >30-fold selectivity over ChoK β and does not affect MAPKs, PI3Ks, and other enzymes involved in the regulation of phospholipid metabolism; demonstrates antiproliferative properties against human tumor-derived cell lines (HT29 IC ₅₀ =0.5 μ M) and antitumor activity against human tumor xenografts in vivo.
Pathway	: Others
Target	: ChoK
Receptor	: ChoK
Solubility	: —
SMILES	: —
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Lacal JC, et al. Mol Cancer Ther. 2015 Jan;14(1):31-9. | 2. Hernández-Alcoceba R, et al. Cancer Res. 1999 Jul 1;59(13):3112-8. | 3. Al-Saffar NM, et al. Cancer Res. 2006 Jan 1;66(1):427-34. | 4. Guma M, et al. Ann Rheum Dis. 2015 Jul;74(7):1399-407.