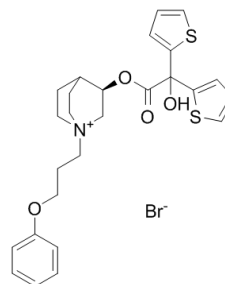


Product Name	: Acridinium bromide
Synonyms	: LAS 34273; LAS-W 330
Cat No.	: M14042
CAS Number	: 320345-99-1
Molecular Formula	: C ₂₆ H ₃₀ NO ₄ S ₂ ·Br
Formula Weight	: 564.55
Chemical Name	: [(8R)-1-(3-phenoxypropyl)-1-azoniabicyclo[2.2.2]octan-8-yl] 2-hydroxy-2,2-dithiophen-2-ylacetate bromide
Description	: Acridinium Bromide inhibits human muscarinic AChR M1, M2, M3, M4 and M5 with K _i of 0.1 nM, 0.14 nM, 0.14 nM, 0.21 nM and 0.16 nM, respectively.
Pathway	: Endocrinology/Hormones
Target	: AChR
Receptor	: M1 mAChR; M2 mAChR; M3 mAChR; M4 mAChR; M5 mAChR
Solubility	: DMSO: 113 mg/mL (200.15 mM)
SMILES	: <chem>O=C(O[C@H]1C[N+]2(CCCOC3=CC=CC=C3)CCC1CC2)C(C4=CC=CS4)(O)C5=CC=CS5.[Br-]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Sentellas S, et al. Eur J Pharm Sci, 2010, 39(5), 283-290.