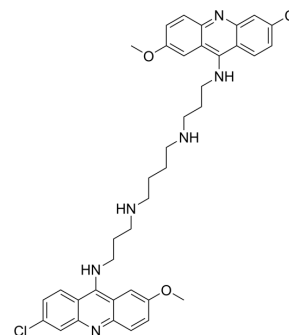


Acridine homodimer

Cat. No.:	HY-D1660
CAS No.:	57576-49-5
Molecular Formula:	C ₃₈ H ₄₂ Cl ₂ N ₆ O ₂
Molecular Weight:	685.69
Target:	DNA Stain
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Acridine homodimer (NSC 219743), acridine dimer, is a fluorescence dye. Acridine homodimer emits a blue-green fluorescence when bound to DNA. Acridine homodimer has extremely high affinity for AT-rich regions of nucleic acids, can be used for chromosome banding^[1].

REFERENCES

[1]. J B Le Pecq, et al. DNA polyintercalating drugs: DNA binding of diacridine derivatives. Proc Natl Acad Sci U S A. 1975 Aug;72(8):2915-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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