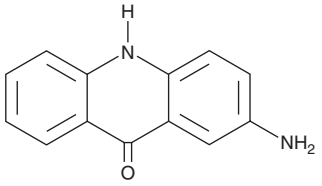
PRODUCT INFORMATION

2-Aminoacridone

Item No. 45686

CAS Registry No.: 27918-14-5
Formal Name: 2-amino-9(10H)-acridinone
Synonym: 2-AMAC
MF: $C_{13}H_{10}N_2O$
FW: 210.2
Purity: ≥98%
Ex./Em. Max: 421/525 nm
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years
Special Conditions: Protect from light



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

2-Aminoacridone is supplied as a solid. A stock solution may be made by dissolving the 2-aminoacridone in the solvent of choice, which should be purged with an inert gas. 2-Aminoacridone is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Description

2-Aminoacridone is a fluorophore that displays excitation/emission maxima of 421/525 nm, respectively.[1] It has been used to derivatize oligosaccharides and peptide substrates.[1,2]

References

1. Birrell, H., Charlwood, J., Lynch, I., *et al.* A dual-detection strategy in the chromatographic analysis of 2-aminoacridone-derivatized oligosaccharides. *Anal. Chem.* **71(1),** 102-108 (1999).
2. Lozanov, V., Ivanov, I.P., Benkova, B., *et al.* Peptide substrate for caspase-3 with 2-aminoacridone as reporting group. *Amino Acids* **36(3),** 581-586 (2009).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

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