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Typical Product Specifications & Properties

Ethidium bromide

CAS Number: : 1239-45-8

Specifications	Limits
Molecular weight	394.31
EINECS	214-984-6
SMILES	[Br-].CC[n+] ₁ c2cc(N)ccc2c3ccc(N)cc3c1c4ccccc4
BRN Number	3642536
Merck	14,4731
Form	powder
Flash Point	>100°C
Water solubility	40 g/L (25 °C)
Storage Temperature	2-8°C
Stability	Stable. Incompatible with strong oxidizing agents.
Melting Point	260-262 °C (dec.)
Solubility	H2O: 10 mg/mL, opaque, strongly red