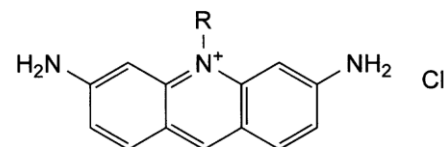


PRODUCT Acriflavinium Chloride Ph. Eur.

CAS no. [8048-52-0]

SYNONYMS Acriflavinium Chloride , Acriflaviniumchloride, Acriflavinium Monochloride; Neutral Acriflavine, Neutroflavin; Euflavin; Euflavina;



R	Mol. Formula	M_r
H	$C_{13}H_{12}ClN_3$	245.7
CH ₃	$C_{14}H_{14}ClN_3$	259.7

CHARACTERS Reddish-brown powder, hygroscopic.
Freely soluble in water, sparingly soluble in alcohol, very slightly soluble in methylene chloride.

TEST	SPECIFICATION	
Content	95.0% to 105.0% (anhydrous substance)	
Identification	Conforms to Ph. Eur. tests	
pH	4.5 to 7.5	
Composition	First principal peak:	30.0% to 40.0%
	Second principal peak:	50.0% to 60.0%
	Any other peak:	Maximum 6.0% and not more than 2 such peaks have a peak area of more than 2.0%
Heavy metals	Not more than 40 ppm	
Water	Not more than 10.0%	
Sulphated ash	Not more than 3.5%	

ENQUIRY