

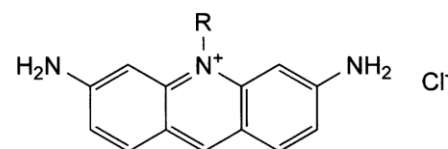
PRODUCT

Euflavina BPC1949 (Acridine Neutral)

CAS No. [8048-52-0]

SYNONYMS

Acridinium Chloride , Acridiniumchloride,
Acridinium Monochloride; Neutral Acridine,
Neuroflavin; 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

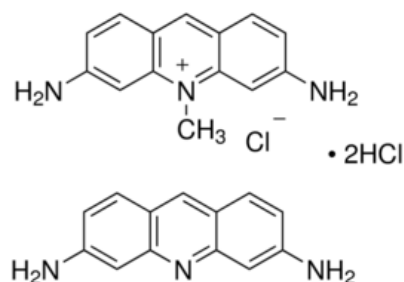
Reddish-brown powder, hygroscopic.
Freely soluble in water, sparingly soluble in alcohol, very slightly soluble in methylene chloride.

TEST	SPECIFICATION
Content of total acridines	Minimum 95.0% (dried substance)
Identification	Complies with BPC1949 tests
Clarity of solution	0.2% solution in water remains clear on standing in the dark for 24hr
Loss on drying	Maximum 5.0%
Sulphated ash	Maximum 1.0%

PRODUCT **Acriflavine BPC1963**
(Acriflavine Hydrochloride)

[10597-46-3; 8063-24-9]

SYNONYMS Acriflavin, Acriflavine HCl,



CHARACTERS An orange-red to red crystalline powder, odourless, taste acid. Soluble at 20°, in 3 parts of water, giving a clear solution in which a precipitate may form on dilution or on standing, and in 500 parts of normal saline. Soluble in alcohol and in glycerin. Very slightly soluble in ether, in chloroform, in liquid paraffin, and in fixed and volatile oils.

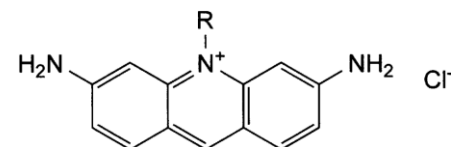
TEST	SPECIFICATION
Identification	Complies with BPC1963 tests
Certain other acridine derivatives	Complies with BPC1963 test
Water insoluble substances	Complies with BPC1963 test
Water	Maximum 6.5%
Sulphated ash	Maximum 1.0%
Content of total acridines	98.5% to 105.0% calculated as C ₁₄ H ₁₄ ClN ₃ ·HCl (anhydrous basis)

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	Complies with EP/BP 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	Maximum 40 ppm
Water	Maximum 10.0%
Sulphated ash	Maximum 3.5%