

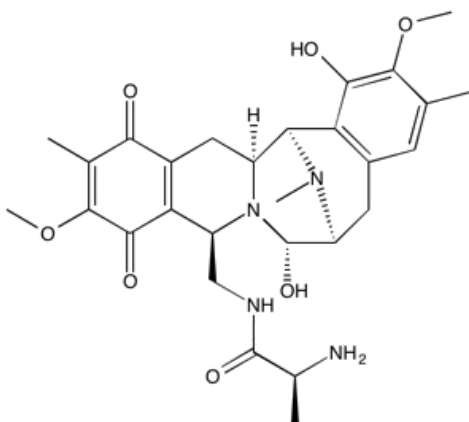


Catalog # 10-3208

Safracin B

CAS# 87578-99-2

Lot # X106512



Novel antibiotic of the saframycin family produced by *Pseudomonas fluorescens*.¹ Safracin B displays antitumor activity against L1210 and P388 leukemias and B16 melanoma. Compared with safracin A, the toxic and effective doses were much lower. Safracin B also prolonged the life of tumor-bearing mice to a greater extent than safracin A.²

- 1) Ikeda *et al.* (1983), *Safracins, new antitumor antibiotics. I. Producing organism, fermentation and isolation*; J. Antibiot. Tokyo, **36** 1279
- 2) Okumoto *et al.* (1985), *Activity of safracins A and B, heterocyclic quinone antibiotics, on experimental tumors in mice*; J. Antibiot. Tokyo, **38** 767

PHYSICAL DATA

Molecular Weight:	540.61
Molecular Formula:	C ₂₈ H ₃₆ N ₄ O ₇
Purity:	90% by HPLC
	NMR: (Conforms)
Solubility:	Soluble in DMSO (up to 20 mg/ml)
Physical Description:	Yellow-green solid
Storage and Stability:	Store as supplied, desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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