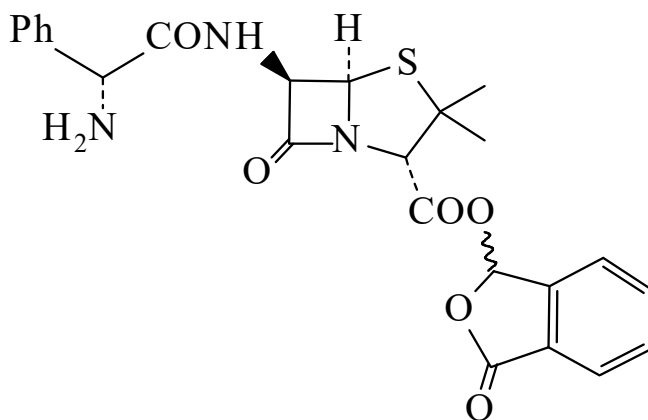




>>Entry Name: Talampicillin, BAN, INN

Synonym(s): BRL 8988



CAS Registry Number: 47747-56-8

Molecular Formula: C<sub>24</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub>S

Molecular Weight: 481.528

Accurate Mass: 481.130757

Percentage Composition: C 59.86%; H 4.81%; N 8.73%; O 19.94%; S 6.66%

Source/Synthesis: Semisynthetic penicillin (phthalidyl ester of Ampicillin [CKN65-V](#))

Use/Importance: Well absorbed oral antibiotic

Calculated Log P Data: Log P 2.54 (uncertain value) (calc)

>>Derivative: Hydrochloride

Synonym(s): Talampicillin hydrochloride, BAN, JAN, USAN. Talpen. Yamacillin

CAS Registry Number: 39878-70-1

Physical Description: Amorph. solid

Melting Point: Mp 154-157 dec.°

Solubility: Sol. H<sub>2</sub>O

Sigma: T1779

>>Derivative: Mono-2-naphthalenesulfonate

Synonym(s): Talampicillin napsylate

CAS Registry Number: 71953-01-0

#### References:

Playle, A.C., *Drugs of Today (Barcelona)*, 1976, **12**, 280, (rev, pharmacol)

Clayton, J. *et al.*, *J. Med. Chem.*, 1976, **19**, 1385, (synth, pmr)

Hopkins, S.J., *Drugs of Today (Barcelona)*, 1979, **15**, 349, (napsylate)

*Eur. Pat.*, 1979, 4 740; *CA*, **92**, 99581, (napsylate)

Akita, H. *et al.*, *Chem. Pharm. Bull.*, 1984, **32**, 4317, (synth)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 7047

*Martindale, The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 211