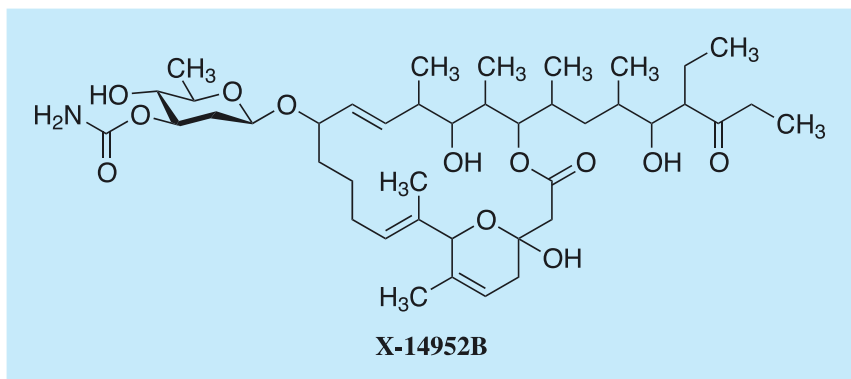


X-14952B

1. Discovery, producing organism and structures¹⁻³⁾

X-14952B, was isolated from the fermentation broth of *Streptomyces* sp. X-14952. It is a 20-membered ring macrolide, structurally similar to irumamycin, and possesses antimicrobial activity.



2. Physical data^{1,2)}

White amorphous powder. $C_{42}H_{69}NO_{12}$; mol wt 779.48. Sol. in MeOH, EtOH, EtOAc, Et₂O, pyridine, CHCl₃, CCl₄, benzene, toluene, DMSO. Insol. in H₂O, petroleum ether, hexane.

3. Biological activity¹⁾

X-14952B exhibited antibacterial activity.

4. References

- [317] S. Ōmura *et al.*, *J. Antibiot.* **38**, 674-676 (1985)
- [228] S. Ōmura *et al.*, *J. Antibiot.* **35**, 256-257 (1982)
- [257] S. Ōmura *et al.*, *J. Org. Chem.* **47**, 5413-5415 (1982)