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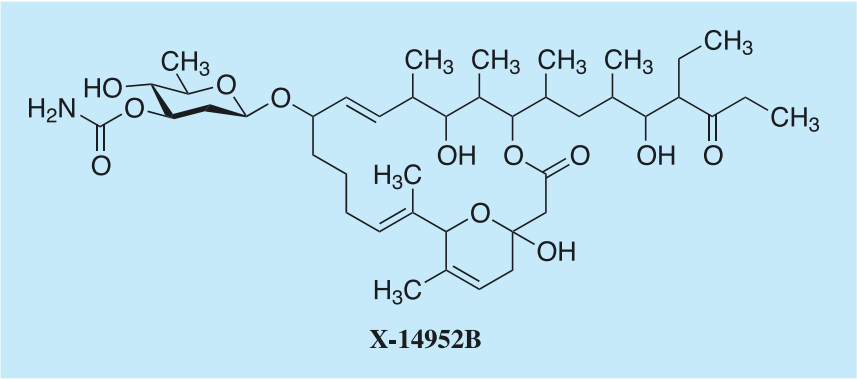
北里微生物資源ライブラリー

X-14952B

1. Discovery, producing organism and structures[1-3)]

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.



X-14952B

2. Physical data[1,2)]

White amorphous powder. $C_{42}H_{69}NO_{12}$; mol wt 779.48. Sol. in MeOH, EtOH, EtOAc, Et_2O, pyridine, $CHCl_3$, CCl_4, benzene, toluene, DMSO. Insol. in H_2O, petroleum ether, hexane.

3. Biological activity[1)]

X-14952B exhibited antibacterial activity.

4. References

1. [317] S. Ōmura *et al*., *J. Antibiot*. **38**, 674-676 (1985)
2. [228] S. Ōmura *et al*., *J. Antibiot*. **35**, 256-257 (1982)
3. [257] S. Ōmura *et al*., *J. Org. Chem*. **47**, 5413-5415 (1982)