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# Moxalactam

National Cancer Institute

## Source

National Cancer Institute. *Moxalactam*. NCI Thesaurus. Code C670.

A semisynthetic oxa-beta-lactam antibiotic, with antibacterial activity used mainly against gram-negative aerobic bacteria. Replacing the beta-lactam sulfur atom for an oxygen atom and the presence of the methyltetrazolethio moiety and the para-hydroxyphenylmalonyl group, increases the antibacterial activity of moxalactam. The 7-alpha-methoxy group and the para-hydroxyphenylmalonyl group increases the stability of this agent against beta-lactamases. The use of this agent has been associated with fatal bleeding events.