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ROCK2 Inhibitor KD025

National Cancer Institute

Source

National Cancer Institute. *ROCK2 Inhibitor KD025*. NCI Thesaurus. Code C128786.

An orally administered inhibitor of Rho-associated coiled-coil kinase 2 (ROCK2; ROCK-II), with potential immunomodulating activity. Upon administration, ROCK2 inhibitor KD025 binds to and inhibits the serine/threonine kinase activity of ROCK2. This inhibits ROCK2-mediated signal transduction pathways and modulates various pro- and anti-inflammatory immune cell responses. ROCK2 is upregulated in various diseases, including various fibrotic, neurodegenerative and autoimmune diseases.