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Vitamin K1-containing Urea Skin Cream

National Cancer Institute

Source

National Cancer Institute. *Vitamin K1-containing Urea Skin Cream*. NCI Thesaurus. Code C96802.

A topical cream containing urea and 0.1% vitamin K1 (phytomenadione) with topical epidermal growth factor receptor (EGFR)-activating activity. Upon application of vitamin K1-containing urea skin cream, vitamin K1 may locally activate EGFR, thereby abrogating EGFR inhibition in the skin caused by systemic EGFR inhibiting agents. This may help inhibit the acne-like skin rash induced by EGFR antagonists. EGFR, a tyrosine kinase, plays a key role in maintaining epidermal integrity.