Inotilone and related phenylpropanoid polyketides from *Inonotus* sp. and their identification as potent COX and XO inhibitors.

Wangun HV, Härtl A, Tam Kiet T, Hertweck C (2006) Inotilone and related phenylpropanoid polyketides from *Inonotus* sp. and their identification as potent COX and XO inhibitors. *Org Biomol Chem* 4(13), 2545-2548.

Abstract

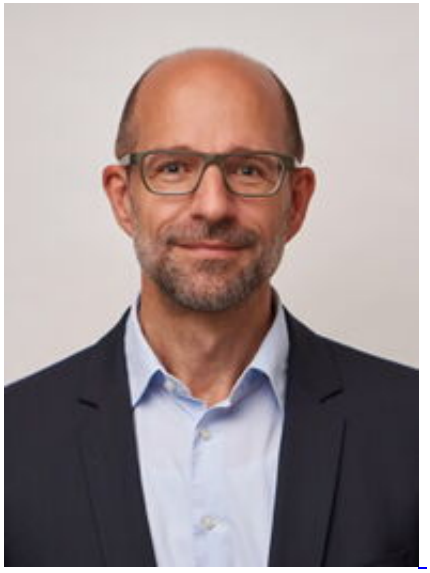
By bioassay-guided isolation, phenylpropanoid-derived polyketides, including an unusual 5-methyl-3(2H)-furanone derivative (inotilone) with potent cyclooxygenase (COX) and xanthone oxidase (XO) inhibitory activities were obtained from the fruiting body of the mushroom Inonotus sp.

Beteiligte Forschungseinheiten

Biomolekulare Chemie Christian Hertweck Mehr erfahren

Mikrobielle Pathogenitätsmechanismen Bernhard Hube Mehr erfahren

Leibniz-HKI-Autor*innen



Christian Hertweck

Details

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