

# 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.

[Details](#)



## Abstract

By bioassay-guided isolation, phenylpropanoid-derived polyketides, including an unusual 5-methyl-3(2H)-furanone derivative (inotilone) with potent cyclooxygenase (COX) and xanthine 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](#)

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