

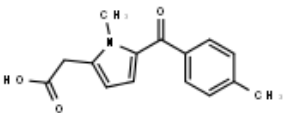
## Certificate of Analysis

Target	Inhibitors & Agonists>>Immunology/Inflammation>>Cyclooxygenase (COX)
Cat.No	DC41238
Name	Tolmetin

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## Chemical Properties

CAS	26171-23-3
Formula	C <sub>15</sub> H <sub>15</sub> NO <sub>3</sub>
MW	257.28
Storage	4°C, sealed storage, away from moisture*In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)
Structure	 <p>The chemical structure of Tolmetin is shown. It consists of a central benzimidazole ring system. One of the imidazole nitrogens is substituted with a methyl group (CH<sub>3</sub>). The 2-position of the benzimidazole ring is substituted with a propionic acid chain (-CH<sub>2</sub>-CH<sub>2</sub>-COOH). The 5-position of the benzimidazole ring is substituted with a 4-methylbenzoyl group (-CO-C<sub>6</sub>H<sub>4</sub>-CH<sub>3</sub>).</p>
Purity	>98%

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