

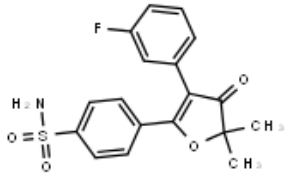
## Certificate of Analysis

Target	Inhibitors & Agonists>>Immunology/Inflammation>>Cyclooxygenase (COX)
Cat.No	DC11373
Name	Polmacoxib

**Tel:** +86-21-58447131  
**Fax:** +86-21-61642470

**Email:**  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	301692-76-2
Formula	C <sub>18</sub> H <sub>16</sub> FNO <sub>4</sub> S
MW	361.4
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Polmacoxib is shown. It features a central five-membered ring containing an oxygen atom. This ring is substituted with a 4-fluorophenyl group, a 4-sulfamoylphenyl group, and a 2-methylpropionamide group. The sulfamoyl group is represented as a benzene ring with a sulfonamide group (-SO<sub>2</sub>NH<sub>2</sub>) at the para position. The 2-methylpropionamide group is shown as a carbonyl group attached to a CH(CH<sub>3</sub>)<sub>2</sub> group.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com