

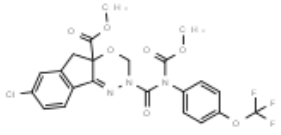
## Certificate of Analysis

Target	Inhibitors & Agonists>>Membrane Transporter/Ion Channel>>Sodium Channel
Cat.No	DC41198
Name	Indoxacarb

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

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

## Chemical Properties

CAS	144171-61-9
Formula	C <sub>22</sub> H <sub>17</sub> ClF <sub>3</sub> N <sub>3</sub> O <sub>7</sub>
MW	527.83
Storage	Please store the product under the recommended conditions in the Certificate of Analysis.
Structure	 <p>The chemical structure of Indoxacarb is shown. It features a central pyridine ring substituted with a chlorine atom at the 4-position and a 1H-indol-3-ylidene group at the 2-position. The nitrogen atom of the pyridine ring is connected via a methylene bridge to a carbonyl group, which is further linked to a benzene ring. This benzene ring has a trifluoromethyl group (-CF<sub>3</sub>) at the 4-position and a methoxy group (-OCH<sub>3</sub>) at the 2-position. The pyridine ring also has a trifluoromethyl group (-CF<sub>3</sub>) at the 6-position. Two hydroxyl groups (-OH) are attached to the pyridine ring at the 3 and 5 positions.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com