

Note: Key data/information in this sample page are hidden, while in the report they are not.

1.3 Foramsulfuron

- Basic information

IUPAC

name:1-(4,6-dimethoxypyrimidin-2-yl)-3-[2-(dimethylcarbamoyl)-5-formamidophenylsulfonyl]urea

CAS No.: 173159-57-4

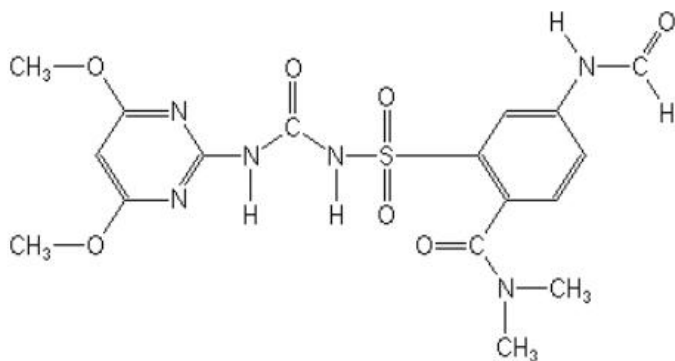
Formula: C₁₇H₂₀N₆O₇S

Typical formulation: Foramsulfuron+Iodosulfuron-methyl-sodium 32% WG

Formulation types: OF; SC; WG

Trade name: Equip; MaisTer; Fortuna; Option; Tribute; Cornstar

Picture 1.3-1 Chemical structure of foramsulfuron



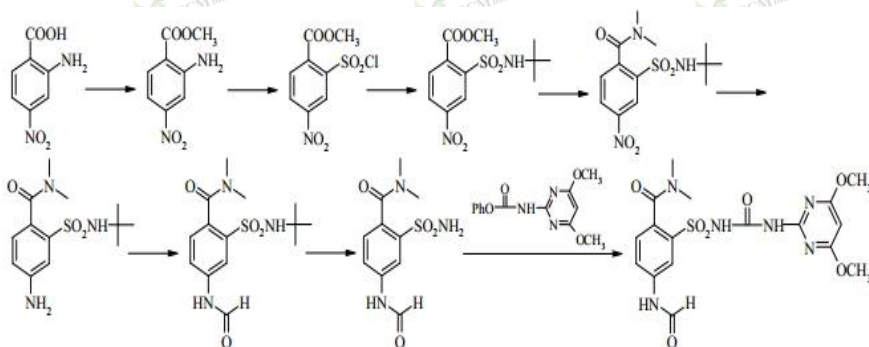
- History

Foramsulfuron was reported by B. Collins et al. It was first synthesised in 1995 and developed by Aventis CropScience (now Bayer AG).

- Synthesis route

There are four synthesis routes of foramsulfuron, which are listed as follows.

Picture 1.3-2 Synthesis route A of foramsulfuron



- Patent situation

Table 1.3-1 Patent situation of foramsulfuron in some countries/regions, as of April 2015

Country/Region	Patent No.	Time
China	CCM http://www.cnchemicals.com/	
Japan		
The European Union		
The United States		

Source: EPO & SIPO

- Registration situation

Table 1.3-4 Registration situation of foramsulfuron in Belgium, as of April 2015

Active ingredient	Specification	Concentration	Product name	Registrant
Cyprosulfamide+Foramsulfuron+Thienicarbazone-methyl	CCM http://www.cnchemicals.com/			
Foramsulfuron+Isoxadifen-ethyl				
Cyprosulfamide+Foramsulfuron+Thienicarbazone-methyl				

Source: FYTO WEB