

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

1.6 Monosulfuron

-Basic information

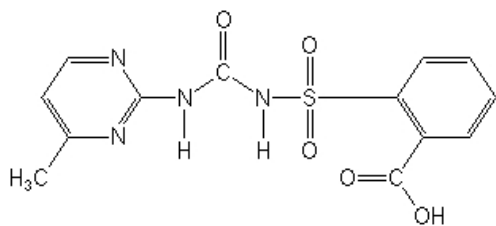
IUPAC name: 2-[(4-methylpyrimidin-2-yl)carbamoylsulfamoyl]benzoic acid

CAS No.: /

Formula: C₁₃H₁₂N₄O₅S

Typical formulations: xx

Figure 1.6-1 Chemical structure of monosulfuron



- Synthesis route

There is no public report on the synthesis route of monosulfuron.

- Application

Monosulfuron is a sulfonylurea herbicide which was developed by xxx. This herbicide exhibits low mammalian toxicity and it is very effective for post-emergence weeding with a dosage of xx to xx g/ha. in a wide range of crops including xxx.

- Physical & Safety Data

➤ Physical Properties

xx

➤ Toxicology

xx

- Patent situation

Table 1.6-1 Patent situation of monosulfuron in some countries/regions, as of Oct. 2012

Country/Region	Patent No.	Time
China	xxx	xxx
xxxxx	xxx	xxx
The United States	xxx	xxx
xxxxx	xxx	xxx

Source: xxx

- Registration situation

Monosulfuron is only registered in xxx, and there are no registrations of monosulfuron in the other xxx target countries.

Table 1.6-2 Registration situation of monosulfuron in China, as of Oct. 2012

Active ingredient	Specification	Concentration	Product name	Registrant
Monosulfuron	TC	xxx	xxx	xxx
Monosulfuron	WP	xxx	xxx	xxx

Source: xxx