# bromadiolone (ISO)@3- [3-(4'-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-chromen-2-one

## IDENTIFICATION NUMBERS

- **CAS:** 28772-56-7
- **EC/EINECS:** 249-205-9

## MORE INFORMATION

- **Molecular Formula:** C30H23BrO4
- **Synonyms:** 3- [3-(4'-bromobifenil-4- il)-3-hidroxi-1-fenilpropil]-4-hidroxi-2H-cromen-2-ona

## USES

pesticide

⚠ **Black list — Substances particularly hazardous to the environment or health**

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS06**

Acute toxicity (oral, dermal, inhalation)



**GHS08**

Respiratory sensitisation



**GHS09**

Hazardous to the aquatic environment

**Signal word:** **Danger**

### H Phrases

**H360D** : May damage the unborn child.

Repr. (Cat. 1B) : Reproductive toxicity

**H330** : Fatal if inhaled

Acute Tox. (Cat. 1) : Acute toxicity

**H310** : Fatal in contact with skin

Acute Tox. (Cat. 1) : Acute toxicity

**H300** : Fatal if swallowed

Acute Tox. (Cat. 1) : Acute toxicity

**H372** : Causes damage to organs through prolonged or repeated exposure

STOT RE (Cat. 1) : Specific target organ toxicity - repeated exposure

**H400** : Very toxic to aquatic life

Aquatic Acute (Cat. 1) : Hazardous to the aquatic environment

**H410** : Very toxic to aquatic life with long lasting effects

Aquatic Chronic (Cat. 1) : Hazardous to the aquatic environment

### Labelling

| Concentration | Labelling |
|---|---|
| C = 0,003 % | Repr., 1B; H360D |
| C = 0,005 % | STOT repe., 1; H372 (blood) |
| | M = 1 |
| 0,0005 % = C < 0,005 % | STOT RE 2; H373 (blood) |
| | M = 1 |

## Specific health risks

### Prohibited for pregnant workers

Substances prohibited for pregnant workers

### Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

## Specific environmental risks

### Persistent bioaccumulative and toxic

Substances identified as Persistent, Bioaccumulative and Toxic (PBT) according to the criteria of Annex XIII of the REACH Regulation. They pose a special risk of accumulation in the environment and in the food chain.

| SOURCES | LINK |
| --- | --- |
| OSPAR | http://www.ospar.org/v_substances/get_page.asp?v1=28772567.xls |

## Restriction/prohibition regulations

### Substances under PACT evaluation

Substances under active regulatory monitoring through ECHA's PACT (Public Activities Coordination Tool). Allows tracking which regulatory authorities are examining a substance and what potential regulatory actions are being considered (restriction, SVHC identification, harmonised classification, etc.).