

**Catalog No. 11216-011 50 mg**

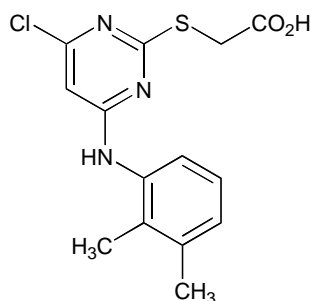
PRODUCT: WY-14643  
4-Chloro-6-(2,3-xylidino)-2-pyrimidin-ylthio acetic acid

CAS NO: 50892-23-4

CATALOG NO.: 11216-011

SIZE: 50 mg

STRUCTURE:



PHYSICAL APPEARANCE: White solid (m.p. 155-157°C)

MOLECULAR FORMULA: C<sub>14</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>2</sub>S

MOLECULAR WEIGHT: 323.8

PURITY: 98% (TLC: 3/2 Chloroform/MeOH; R<sub>f</sub> = 0.60)

SOLUBILITY: Soluble in DMSO (40 mg/ml)

STORAGE: Store, as supplied, at room temperature for up to 5 years. Store solutions at -20°C for up to 6 months.

APPLICATION NOTES: Potent and widely used PPAR activator.<sup>1-3</sup> Selective for PPAR $\alpha$ .<sup>4-5</sup> The product is not sterile.

- REFERENCES:
1. H.Keller and W.Wahli *Trends Endocrinol.Metab.* 1993 **4** 291
  2. C.Dreyer *et al. Cell* 1992 **68** 879
  3. I.Issemann and S.Green *Nature* 1990 **347** 645
  4. J.D.Tugwood *et al. Ann.NY Acad.Sci.* 1996 **804** 252
  5. P.R.Devchand *et al. Nature* 1996 **384** 39

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.