



CERTIFICATE of ANALYSIS

PRODUCT:	WY-14,643 [Pirinixic acid; (4-Chloro-6-[(2,3-dimethylphenyl)amino]-2-pyrimidinyl)-thioacetic acid] C ₁₄ H ₁₄ ClN ₃ O ₂ S, M.W. 323.8, CAS# [50892-23-4]
PRODUCT NUMBER:	W-1026
LOT NUMBER:	B1455
APPEARANCE:	White solid
SOLUBILITY:	16.5 mg/ml soluble in 100% ethanol, DMSO or dimethyl formamide; also soluble in PBS, pH 7.2 (40 µg/ml).
PURITY (TLC):	99%
IDENTITY DETERMINED BY ¹H-NMR:	Identical to standard reference.
PRODUCT DESCRIPTION:	Widely used activator of peroxisome proliferator activator receptors (PPARs). PPARs belong to the family of nuclear hormone receptor transcription factors.
STORAGE & HANDLING:	Store at room temperature (+ 20°C). Stock solutions in organic solvents will be stable at least six months at + 20°C. Further dilutions of the organic stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low

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concentrations. Organic solvent-free aqueous solutions can be prepared by directly dissolving the crystalline compound in aqueous buffers. We do not recommend the aqueous solution for more than one day.

WARNING: TOXIC! MAY BE CARCINOGENIC!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified:

A handwritten signature in black ink, appearing to be 'J. S. [unclear]', is written over the 'Verified:' text.

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