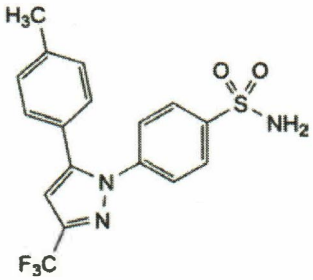
Compounding Chemicals.com.au

Celecoxib EP12

Batch no 0320260901-1w
Mf date Sep 01 2026
Retest Aug 31 2030

Molecular Structure



Molecular Formula $C_{17}H_{14}F_3N_3O_2S$
Molecular Weight 381.4
CAS Registry Number 169590-42-5

Oct 20 2026

Tests	Specifications	Results
Appearance	White or almost white crystalline or amorphous powder	White crystalline powder
Solubility	Practically insoluble in water, freely soluble in anhydrous ethanol, soluble in methylene chloride. It shows polymorphism	Conforms
Identification	IR	Positive
Related substances	Impurity A ≤ 0.4%	0.006%
	Unspecified impurities ≤ 0.1%	0.004%
	Total impurities ≤ 0.5%	0.01%
Water	≤ 0.5%	0.03%
Sulfated ash	≤ 0.2%	0.04%
Residual solvents	Methanol ≤ 3000 ppm	ND
	Ethanol ≤ 5000 ppm	ND
	Cyclohexane ≤ 3880 ppm	ND
	Acetone ≤ 5000 ppm	93.8 ppm
Assay	98.0 ~ 102.0%	99.5%

Packaging & storage	Preserve in tight containers, protected from light and moisture. Store at room temperature.
Conclusion	Material complies with EP12.0

ASTRAL SCIENTIFIC PTY LTD | T: (02) 9540 2055
W: www.compoundingchemicals.com.au | E: sales@compoundingchemicals.com.au