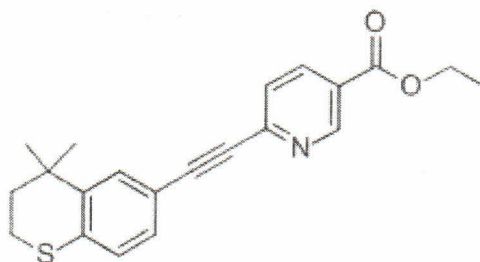


Batch no 20250509
Mf date May 2025
Retest date May 2028

Molecular Structure



Molecular Formula $C_{21}H_{21}NO_2S$
Molecular Weight 351.46
CAS Registry Number 118292-40-3

Jul 17 2025

Tests	Specifications	Results
Appearance	White to light yellow crystal or crystalline powder, odorless	White crystalline powder
Identification	IR, Chemical test	Positive
Melting point	102 ~ 105°C	103°C
Loss on drying	≤ 1.0%	0.3%
Residue on ignition	≤ 1.0%	< 0.1%
Heavy metals	≤ 20 ppm	< 20 ppm
Related substance (HPLC)	Single biggest impurity ≤ 0.5%	< 0.1%
	Total impurities ≤ 1.0%	0.2%
Residual solvents	Dimethyl sulfoxide ≤ 0.5%	ND
	Ethyl acetate ≤ 0.5%	0.1%
	N-Hexane ≤ 0.029%	0.01%
	Dichloromethane ≤ 0.06%	< 0.01%
	Methanol ≤ 0.3%	0.1%
	Tetrahydrofuran ≤ 0.072%	ND
	Triethylamine ≤ 0.016%	ND
Assay (HPLC)	98.5 ~ 101.5%	99.8%

Packaging and storage	Preserve in tight containers
Conclusion	Material complies with in house standard