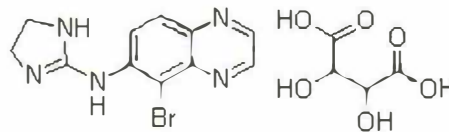


Batch no	BMDT-260602
Mf date	Jun 12 2026
Retest	Jun 11 2028

Molecular Structure



Molecular Formula $C_{11}H_{10}BrN_5C_4H_6O_6$
Molecular Weight 442.22
CAS Registry Number 70359-46-5

Jul 29 2026

Tests	Specifications	Results
Appearance	White or slightly yellowish or slightly brownish powder	White powder
Solubility	Soluble in water, practically insoluble in anhydrous ethanol & in toluene	Conforms
Identification	IR	Positive
Specific optical rotation	+9.0 ~ +10.5°	+9.8°
Loss on drying	≤ 0.5%	0.23%
Sulfated ash	≤ 0.2%	0.06%
Heavy metals	≤ 20 ppm	< 20 ppm
Related substances	N-(Imidazolidin-2-ylidene)quinoxalin-6-amine	≤ 0.1% Conforms
	5-Bromoquinoxalin-6-amine	≤ 0.1% Conforms
	Quinoxalin-6-amino	≤ 0.1% Conforms
	1-(5-Bromoquinoxalin-6-yl)thiourea	≤ 0.1% Conforms
	2-(5-Bromoquinoxalin-6-yl)guanidine	≤ 0.1% Conforms
	5-Bromo-N-(1H-imidazol-2-yl)quinoxalin-6-amine	≤ 0.1% Conforms
	1-(2-Aminoethyl)-3-(5-bromoquinoxalin-6-yl)urea	≤ 0.1% Conforms
	Unspecified impurities	≤ 0.1% 0.07%
	Total impurities	≤ 0.2% 0.12%
Residual solvents	Bromobenzene ≤ 360 ppm	Conforms
	Acetone ≤ 3000 ppm	Conforms
Assay (odb)	99.0 ~ 101.0%	99.8%

Packaging & storage	Preserve in a well-closed containers, protected from light
Conclusion	Material complies with BP2015

