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Product Datasheet

Ethacrynic acid, CAS [[58-54-8]] FBM-10-2826

Artikelname	Ethacrynic acid, CAS [[58-54-8]]
Artikelnummer	FBM-10-2826
Hersteller Artikelnummer	10-2826
Alternativnummer	FBM-10-2826-1G,FBM-10-2826-5G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Glutathione transferase inhibitor...
Molekulargewicht	303.14
Reinheit	>99% by HPLC, NMR (Conforms)
Formulierung	White or off-white solid
CAS Nummer	[58-54-8]
Formel	C ₁₃ H ₁₂ Cl ₂ O ₄
Anwendungsbeschreibung	Ethacrynic acid (58-54-8) was found to be an inhibitor of glutathione transferase P1-1 (GST P1-1) in a screen of FDA-approved drugs. It inhibits both GST P1-1 and A3-1, IC50s=4.9 and 0.4 µM respectively and apparently acts as an allosteric inhibitor. ¹ It forms conjugates with glutathione which also inhibit GST competitively. ² Ethacrynic acid is cytotoxic to a number of cancer cells ³ and synergizes with anticancer agents like afatinib ⁴ . It is a clinically useful diuretic agent. ⁵