



Product Information

Pyrosine B

Cat. No.: X22-05-ZQ153

Size: 100 mg; 200 mg; 500 mg; 1 g

MDL: MFCD00144257

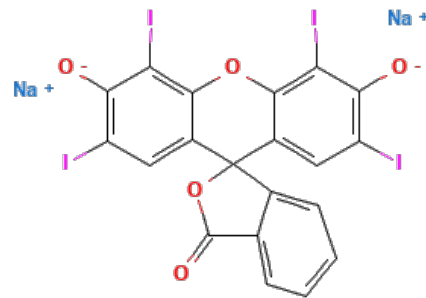
CAS Number: 16423-68-0

Compound CID: 12961638

Synonym: 16423-68-0; Erythrosin B; Erythrosine B;

2',4',5',7'-Tetraiodo-3-oxospiro[2-benzofuran-1,9'-xanthene]-3',6'-diolate disodium

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Pyrosine B is an organoiodine compound, specifically a derivative of fluorone. It is a pink dye that is primarily used for food coloring. This product can be used for research in the fields of health products.
Molecular Weight	879.88
Molecular Formula	C ₂₀ H ₆ I ₄ Na ₂ O ₅
IUPAC Name	2',4',5',7'-Tetraiodo-3-oxospiro[2-benzofuran-1,9'-xanthene]-3',6'-diolate disodium
InChI	InChI=1S/C20H6I4O5.2Na/C21-11-5-9-17(13(23)15(11)25)28-18-10(6-12(22)16(26)14(18)24)20(9)8-4-2-1-3-7(8)19(27)29-20;;/h1-6,25-26H;;/q;2*+1/p-2
InChI Key	RAGZEDHHTPQLAI-UHFFFAOYSA-L
Canonical SMILES	C1=CC=C2C(=C1)C(=O)OC ₂₃ C4=CC(=C(C(=C4OC5=C(C(=C(C=C35)I)[O-])I)I)[O-])I.[Na+].[Na+]
Source	Synthesis
Form	Brown powder
Purity	≥95%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Pyrosine B can be used for research in the fields of health products.
Storage	Store at 4°C. Protect from light.

Safety Information



**Personal Protective
Equipment**

Gloves, eyeshields, N95 mask
