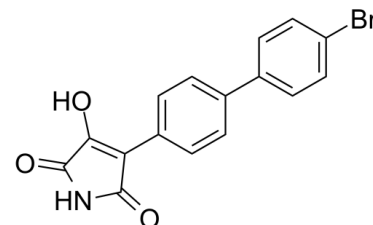


Data Sheet

Product Name:	Glycolic acid oxidase inhibitor 1
Cat. No.:	CS-0032851
CAS No.:	77529-42-1
Molecular Formula:	C ₁₆ H ₁₀ BrNO ₃
Molecular Weight:	344.16
Target:	Others
Pathway:	Others
Solubility:	DMSO : ≥ 137 mg/mL (398.07 mM)



BIOLOGICAL ACTIVITY:

Glycolic acid oxidase inhibitor 1 is a **glycolate oxidase** inhibitor, extracted from patent EP0021228A1, in Table IV. IC₅₀ & Target: Glycolate oxidase^[1] **In Vivo:** Glycolic acid oxidase inhibitor 1 inhibits oxalate biosynthesis in isolated perfused rat liver. Glycolate oxidase inhibitors provide a specific approach to the prevention and treatment of calcium oxalate renal lithiasis^[1].

References:

[1]. Cragoe Jr., Edward J, et al. 4-Substituted-3-hydroxy-3-pyrroline-2,5-dione compounds, process for their preparation and pharmaceutical compositions containing the same. EP0021228A1.

CAIndexNames:

1H-Pyrrole-2,5-dione, 3-(4'-bromo[1,1'-biphenyl]-4-yl)-4-hydroxy-

SMILES:

O=C(C(C1=CC=C(C2=CC=C(Br)C=C2)C=C1)=C3O)NC3=O

Caution: Product has not been fully validated for medical applications. For research use only.

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