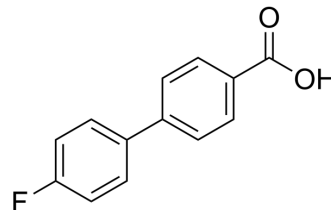


4-(4-Fluorophenyl)benzoic acid

Cat. No.:	HY-109617
CAS No.:	5731-10-2
Molecular Formula:	C ₁₃ H ₉ FO ₂
Molecular Weight:	216.21
Target:	Bcl-2 Family
Pathway:	Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 125 mg/mL (578.14 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	4.6251 mL	23.1257 mL	46.2513 mL
5 mM	0.9250 mL	4.6251 mL	9.2503 mL		
10 mM	0.4625 mL	2.3126 mL	4.6251 mL		

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

4-(4-Fluorophenyl)benzoic acid (Compound 6) can bind to Bcl-2 with a K_D value of 400 μM. 4-(4-Fluorophenyl)benzoic acid can be used to develop Bcl-2 selective anti-cancer agent^[1].

REFERENCES

[1]. Petros AM, et al. Discovery of a potent and selective Bcl-2 inhibitor using SAR by NMR. *Bioorg Med Chem Lett*. 2010 Nov 15;20(22):6587-91.

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

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