4′-Bromoflavone, phase II detoxifying enzyme inducer

**Overview**

**Product name** 4′-Bromoflavone, phase II detoxifying enzyme inducer

**Description** Potent phase II detoxifying enzyme inducer

**Biological description** Potent phase II detoxifying enzyme inducer (EC\(_{50}\) = 10 nM, quinone reductase). Shows antitumor effects \textit{in vivo}. Orally active.

**Purity** > 98%

**CAS Number** 20525-20-6

**Chemical structure**

![Chemical structure of 4′-Bromoflavone](image)

**Properties**

**Chemical name** 2-(4-Bromophenyl)chromen-4-one

**Molecular weight** 301.13

**Molecular formula** C\(_{15}\)H\(_9\)BrO\(_2\)

**PubChem identifier** 1686

**Storage instructions** Store at Room Temperature. The product can be stored for up to 12 months.

**Handling** Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our \textit{frequently asked questions (FAQ) page} for more details.

**SMILES** C1=CC=C2C(=C1)C(=O)C=C(O2)C3=CC=C(C=C3)Br

**Source** Synthetic

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"
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