



PRODUCT DATA SHEET

Product: Sophoricoside

Cat. No: BC-088 (10 mg)

Formula:

$C_{21}H_{20}O_{10}$

Molecular Weight: 432.4

Description:

Extracted from Sophora Japonica

Format:

Yellow Crystals

Production:

Not treated with ethylene oxide, radiation or organic solvents. Does not contain preservatives, pesticides or carcinogens.

Purification: >95%

Inhibitory Data:

IL-5: IC₅₀ of 1.9 μ M

IL-3: IC₅₀ of 6.9 μ M

IL-6 bioactives: IC₅₀ of 6.0 μ M

Applications: Inhibition of IL-5, IL-3 and IL-6 bioactives².

Storage and Stability:

Store at 4°C.

References:

1. Min B. et al. (1999) Sophoicoside analogs as the IL-5 inhibitors from Sophora Japonica. *Planta Med.* Jun;65(5):408-12.
2. Yun J. et al. (2000) Differential inhibitory effects of sophoricoside analogs on bioactivity of several cytokines. *Life Sci.* Oct. 27; 67(23):2855-63.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.