Kartogenin
Catalogue Number : 4723153

Product Information
- **Synonyms:** 2-[(1,1'-Biphenyl]-4-ylcarbamoyl]benzoic acid, N-Biphenyl-4-yl-phthalamic acid, ST50171256
- **Chemical Name:** 2-[(4-phenylphenyl)carbamoyl]benzoic acid
- **Molecular Formula:** C_{20}H_{15}NO_{3}
- **Molecular Weight:** 317.3
- **CAS Number:** 4727-31-5
- **Purity:** ≥98%
- **Applications:** FA
- **Formulation:** Crystalline solid
- **Storage:** Product should be kept at -20°C.

Description
Kartogenin binds to filamin A, an actin-binding protein, and inhibits its interaction with core-binding factor Beta. This interaction is reported to induce cartilage differentiation and potently induce human mesenchymal stem cells into chondrocytes.

Preparation & Storage
Soluble in organic solvents such as DMF or DMSO. DMSO up to 90mM.

References