PRODUCT DATA SHEET

LL Z1640-2

Code: BIA-L1160
Pack sizes: 1 mg, 5 mg

Synonyms: C292, L 783278

Specifications

CAS #: 66018-38-0
Molecular Formula: C_{19}H_{22}O_{7}
Molecular Weight: 362.4
Source: Curvularia sp.
Appearance: White solid
Purity: >99% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

LL Z1640-2 is a cis-enone resorcylic acid lactone first reported in 1978 and later rediscovered as an irreversible and highly selective TAK 1 inhibitor. TAK1 is a MAPKKK involved in the p38 signalling cascade for pro-inflammation signals such as cytokines. LL Z1640-2 effectively prevents inflammation in animal models.

References