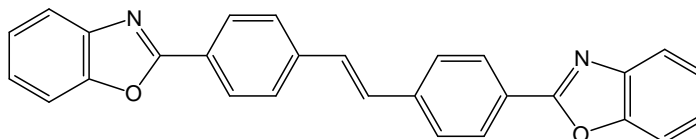


**Description**

Chemical Name 4,4'-bis(2-benzoxazol-2-yl) Stilbene; or  
2,2'-(1,2-ethenediyldi-4,1-phenylene) bis-Benzoxazole

CAS Number 1533-45-5

Chemical Structure



Chemical Formula C<sub>28</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight 414.4

**Specification**

Appearance	Yellowish crystalline powder
Assay	97% min
Melting Range	356°C~362°C
Specific Gravity	1.350 g/cm <sup>3</sup> (20°C)
Volatiles Content	0.5% max
Packing	Net 25kg /fiber drum

**Application**

**MK OB1** is a high molecular weight optical brightener of the stilbene benzoxazol class, suitable for the optical brightening of the polymers at all stages of processing.

**MK OB1** is a highly effective fluorescent whitening agent in a variety of polymer substrates, especially polyester and polyamide fibers as well as polycarbonate, acrylics, styrene homo- and co-polymers including ABS, polyolefins and EVA.

**MK OB1** is mainly applied to the polyester, polyamide and polypropylene textile fibers, molded articles, films and sheets. It can be used as a tracer in a variety of applications or in a variety of blends and combinations with processing, heat and light stabilizers.