



Dalian Richfortune Chemicals Co., Ltd.

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Tel: +86-411-84820922/84821539

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Website: www.richfortunechem.com

Product Name: Photoinitiator 651(BDK)

Chemical Name: 2,2-Dimethoxy-2-phenylacetophenone

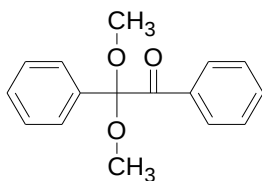
CAS No: 24650-42-8

Molecular formula: C₁₆H₁₆O₃

Molecular Weight: 256.30

Package: 25kg cardboard drum

Structural Formula:



Specification

Item	Index
Appearance	White crystal
Melting point ()	64-67
Loss on drying % ≤	0.5
Moisture % ≤	0.5
Assay % ≥	99.5
Ash % ≤	0.1
Volatile matter % ≤	0.2
Light Transmittance: 425nm % ≥	95



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450nm % $\geq$	96
500nm % $\geq$	98
Density g/cm ³	1.13

Properties: White crystal, Soluble in acetone, ethyl acetate, isopropyl alcohol, hot methanol and other organic solvents, insoluble in water. In acid decomposition, stable in alkaline, sensitive to light. Low toxicity.

Used: Used for light initiator, preparation light curing adhesives, maximum absorption wavelength of 337 nm, suitable for unsaturated polyester/styrene, acrylate and siloxane etc. Thermal stability is very good, has the high quenching resistance and light initiator activity, but yellow degeneration is more serious.

Storage Notes: Sealed stored in cold, dry, good ventilated place, avoid direct sunlight.