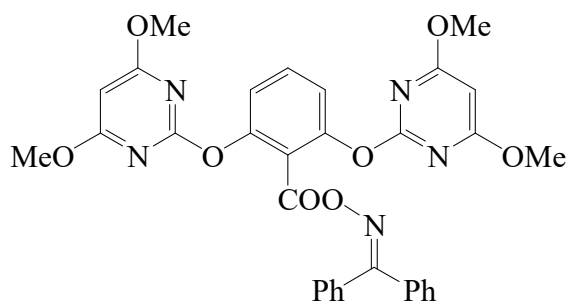




>>Entry Name: **Pyribenzoxim**, BSI

Synonym(s): Benzophenone *O*-[2,6-bis(4,6-dimethoxypyrimidin-2-yloxy)benzoyl]oxime. Diphenylmethanone *O*-[2,6-bis[(4,6-dimethoxy-2-pyrimidinyl)oxy]benzoyl]oxime, 9CI. Kiljabi Gold. Pyanchor. LGC 40863



CAS Registry Number: 168088-61-7

Molecular Formula: C₃₂H₂₇N₅O₈

Molecular Weight: 609.594

Accurate Mass: 609.185965

Percentage Composition: C 63.05%; H 4.46%; N 11.49%; O 21.00%

Biological Use/Importance: Branched-chain amino acid synth. inhibitor. Post-emergence herbicide

Physical Description: Solid

Melting Point: Mp 128-130°

Hazard & Toxicity: LD₅₀ (rat, oral) >5000 mg/kg

Other: LG Chemical

References:

Eur. Pat., 1995, 658 549; *CA*, **123**, 228208t, (*synth, activity*)

Cho, J.H. *et al.*, *Brighton Crop Prot. Conf. - Weeds*, 1997, 39-44, (*activity*)

Koo, S.J. *et al.*, *Pestic. Sci.*, 1997, **51**, 109-114, (*activity*)

Pesticide Manual, 12th edn., 2000, No. 668