

Fluorescence indicator green 254 nm

for thin layer chromatography

Product Description

Name: Fluorescence indicator green 254 nm

Zinc silicate, manganese-doped; Zinc orthosilicate; F254

Catalog Number: FP-IF5444, 50g

Structure & CAS: [68611-47-2]

Properties: Zn₂SiO₄

physical MW = 222.87 g/mol

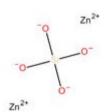
Insoluble in water.

Density: 4.1 g/cm³

optical Absorption / Emission:

 $\lambda_{exc} \lambda_{em} = 266/530 \text{ nm}$

Storage: Room temperature



Introduction

Shows green fluorescence when illuminated with UV light (254 nm).

The fluorescence indicator green 254 nm is relatively susceptible towards acids; thus its fluorescence can be completely quenched by acidic solvents.

Technical and scientific information

References

- **Borowiecki P.** *et al.*, Synthesis of novel proxyphylline derivatives with dual Anti-Candida albicans and anticancer activity, *European Journal of Medicinal Chemistry*, 150:5, p. 307-333 (2018) <u>Abstract</u>
- **Zhang X.** et al., Discovery of a novel multifunctional carbazole–aminoquinoline dimer for Alzheimer's disease: copper selective chelation, anti-amyloid aggregation, and neuroprotection, *Medicinal Chemistry Research*, 27: 3, p. 777–784 (2018)

Ordering information

Catalog size quantities and prices may be found at http://www.interchim.com. Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask: FluoProbes® / Interchim; Hotline: +33(0)4 70 03 73 06

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