FT-IF5444

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 & Properties:	CAS: [68611-47-2]
	Zn_2SiO_4
physical	**MW= 222.87 g/mol**
	Insoluble in water.
	Density: 4.1 g/cm^3
optical	**Absorption / Emission:** $\lambda_{exc}\backslash\lambda_{em}$ = 266/530 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) Abstract
- **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