## Product Datasheet

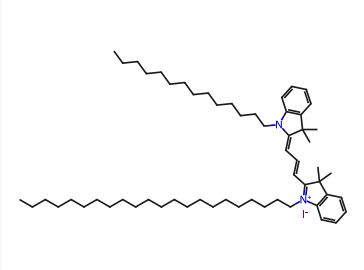
# PKH 26

Catalog No. **BP-08874** · CAS **154214-55-8** · Form **free base** · Physical state **solid** · Color **Brown to reddish brown** · Version **1.0** · Revision **2026-11-16**

**FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.**

| | |
|---|---|
| Molecular formula | $C_{59}H_{97}IN_2$ |
| Molecular weight | **961.3430** |

**STRUCTURE**



## DESCRIPTION

PKH 26 is a red fluorescent dye, PKH 26 can stably bind to the lipid region of cell membrane and emit red fluorescence (Ex/Em=551/567 nm), which is mainly used for in vitro cell labeling, in vitro cell proliferation studies and in vivo and in vitro cell tracing studies .

## BIOLOGICAL ACTIVITY

Guide (The following is the experimental plan we recommend. This plan serves only as a reference guide. The specific operations should be adjusted according to your actual needs.)

## SOLUBILITY

Soluble in DMSO : 1.67 mg/mL

| | |
|---|---|
| **In vitro** | DMSO : 1.67 mg/mL |

## REFERENCES

[1]. Fischer K, et al. The flow cytometric PKH-26 assay for the determination of T-cell mediated cytotoxic activity. Methods. 2003;31(2):135-142.