

Data Sheet

Product Name:	Leishman's stain
Cat. No.:	CS-0256302
CAS No.:	12627-53-1
Target:	Fluorescent Dye
Pathway:	Others
Solubility:	10 mM in DMSO

Leishman's stain

BIOLOGICAL ACTIVITY:

Leishman's stain is an essential staining tool for for staining of the peripheral blood and bone marrow smears (displayed pale bluish-grey to deep blue under oil-immersion lens)^[1]. *In Vitro*: Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs)^[1].

1. Prepare stock solution of Sorensen's buffer: Solution A. $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$ (9.5 g/L); Solution B. KH_2PO_4 (9.1 g/L).
2. Cover the smear with Leishman stain for 2 min.
3. Add double volume of Sorensen buffer (6.8 pH) to the slide and mix gently for 15 min.
4. Wash off with running water and dry the smear (5 min).

References:

[1]. S Gajendra, et al. Leishman and Giemsa stain: a new reliable staining technique for blood/bone marrow smears. *Int J Lab Hematol*. 2015 Dec;37(6):774-82.

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SMILES:

[Leishman's stain]

Caution: Product has not been fully validated for medical applications. For research use only.

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