

Store at RT  
#12767

# DMF (Dimethylformamide)

www.cellsignal.com

10 ml

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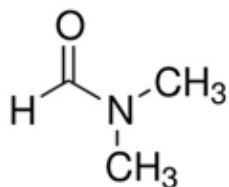
**Orders:** 877-616-CELL (2355)  
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**For Research Use Only. Not For Use In Diagnostic Procedures.**

**Description:** N,N-dimethylformamide (DMF) is a colorless, polar organic solvent widely used as a solvent for chemical reactions. DMF is miscible with water and many other organic solvents. DMF from Cell Signaling Technology is 99.9% pure and is recommended for use as a solvent for the chromogenic substrate X-gal with our Senescence  $\beta$ -Galactosidase Staining Kit #9860. The convenient 10 ml size is more than enough material to dissolve the 150 mg of X-Gal supplied in a single #9860 kit.

**Molecular Formula:** C<sub>3</sub>H<sub>7</sub>NO



**Molecular Weight:** 73.09 g/mol

**Purity:** 99.9%

**Storage:** Store at room temperature. This product is stable for 24 months.

**Directions for Use:** DMF is for use as a solvent for the chromogenic substrate X-gal with our Senescence  $\beta$ -Galactosidase Staining Kit #9860. Dissolve 20 mg of X-gal per 1 ml DMF to prepare a 20X stock solution. Excess X-gal solution can be stored at -20°C in a light resistant container for one month.

**Note:** Always use polypropylene plastic or glass to make and store X-gal solutions. Do not use polystyrene as it is dissolved by DMF.

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