

## Product Data Sheet

Product Name: Fluorescein-NAD+  
 Cat. No.: GC50506

### Chemical Properties

Cas. No.

SMILES O=C(CCCCCNC1=CC(C(O)=O)=C(C2=C(C=C3)C(OC4=C2C=CC(O)=C4)=CC3=O)C=C1)=O)NCCCCCNC(CNC5=C(N=CN6[C@@H]([C@H]([C@H]7O)O)COP(O)(OP(OC[C@H]8O[C@@H]([N+]9=CC=CC(N)=O)=C9)[C@H](O)[C@@H]8O)([O-])=O)C6=NC=N5)=O

Formula C<sub>56</sub>H<sub>64</sub>N<sub>10</sub>O<sub>22</sub>P<sub>2</sub>

M.Wt

1291.11

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

Fluorescein NAD+ is a substrate for ADP-ribosylation, providing a convenient non-isotopic alternative to radiolabelled NAD for use in PARP assays. Allows direct measurement of NAD-dependent enzymes, such as PARP, by fluorescence microscopy. This product is a replacement for R&D Systems product 4673-500-01 81 µg is supplied as 250 µl of a 0.25 mM solution in water.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA