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## PF-8 Rothemund triangle 'same side staple design'

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**Volume:** 1000 µL

**Concentration:** 50.0 nM

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**Product Nr.:** PF-8

**Lot Nr.:** L-PF-8-20240926

**Description:** This solution contains the PF-8 Rothemund triangle 'same side staple design' nanostructure. The nanostructure is dissolved in buffer containing 5 mM Tris base, 1 mM EDTA, 5 mM NaCl, 20 mM MgCl<sub>2</sub>.

Most DNA origami structures in the buffer are stable for several months at 4°C and several weeks at room temperature. Structures can also be stored at -20°C. We recommend aliquoting the DNA origami solution in order to avoid multiple freeze and thaw cycles.

Pat. US 7,842,793 , Pat. US 8,501,923

Exemplary references:

1. Gopinath, A., Miyazono, E., Faraon, A. et al. Engineering and mapping nanocavity emission via precision placement of DNA origami. Nature 535, 401–405 (2016).  
<https://doi.org/10.1038/nature18287>