Creative Enzymes®

Cypridina Luciferin

Cat. No. CSUB-0964

Lot. No. (See product label)

Introduction

Description	Cypridina Luciferase was first cloned by Eric Thompson, and S. Nagata under Fred Tsuji in Japan 1989. Cypridina is a 555 amino acid, 62.171 KDa protein that oxidizes the luciferin to produce blue light at 462 nm Em Max. The advantage of using the Cypridna system: it does not cross react with Coelenterazine or Firefly d-Luciferin so it may be used in multiplex assays, brighter then Firefly Luciferase.
Synonyms	Vargula Luciferin; Vargulin; Cypridina hilgendorfi Luciferin

Product Information

Appearance	Red to Brown Solid
CAS No.	7273-34-9
Molecular Formula	C22H27N7O
Molecular Weight	405.5
Purity	>99%

Storage and Shipping Information

Storage	Store in tightly closed brown glass or plastic containers, keep away from light, avoid moisture, avoid prolonged exposure to air. Long term storage under Argon at -20° C to -70° C.