



# CERTIFICATE OF ANALYSIS

Date: 02-06-2026

|  |   |                      |        |
|--|---|----------------------|--------|
| <b>Product Name</b>  | <b>Biomimetic Inhibitor - EP Impurity 6</b>   |                      |        |
| <b>Chemical Name</b>   | 2R,3R,4S,5R,6R,7S,8R,9S,10S,11R,12R,13S,14S,15R,16S,17R,18S,19S,20S,21R,22S,23R,24S,25S,26R,27S,28R,29S,30S,31R,32S,33R,34S,35S,36R,37S,38R,39S,40S,41R,42S,43R,44S,45S,46R,47S,48R,49S,50S,51R,52S,53R,54S,55S,56R,57S,58R,59S,60S,61R,62S,63R,64S,65S,66R,67S,68R,69S,70S,71R,72S,73R,74S,75S,76R,77S,78R,79S,80S,81R,82S,83R,84S,85S,86R,87S,88R,89S,90S,91R,92S,93R,94S,95S,96R,97S,98R,99S,100S,101R,102S,103R,104S,105S,106R,107S,108R,109S,110S,111R,112S,113R,114S,115S,116R,117S,118R,119S,120S,121R,122S,123R,124S,125S,126R,127S,128R,129S,130S,131R,132S,133R,134S,135S,136R,137S,138R,139S,140S,141R,142S,143R,144S,145S,146R,147S,148R,149S,150S,151R,152S,153R,154S,155S,156R,157S,158R,159S,160S,161R,162S,163R,164S,165S,166R,167S,168R,169S,170S,171R,172S,173R,174S,175S,176R,177S,178R,179S,180S,181R,182S,183R,184S,185S,186R,187S,188R,189S,190S,191R,192S,193R,194S,195S,196R,197S,198R,199S,200S,201R,202S,203R,204S,205S,206R,207S,208R,209S,210S,211R,212S,213R,214S,215S,216R,217S,218R,219S,220S,221R,222S,223R,224S,225S,226R,227S,228R,229S,230S,231R,232S,233R,234S,235S,236R,237S,238R,239S,240S,241R,242S,243R,244S,245S,246R,247S,248R,249S,250S,251R,252S,253R,254S,255S,256R,257S,258R,259S,260S,261R,262S,263R,264S,265S,266R,267S,268R,269S,270S,271R,272S,273R,274S,275S,276R,277S,278R,279S,280S,281R,282S,283R,284S,285S,286R,287S,288R,289S,290S,291R,292S,293R,294S,295S,296R,297S,298R,299S,300S,301R,302S,303R,304S,305S,306R,307S,308R,309S,310S,311R,312S,313R,314S,315S,316R,317S,318R,319S,320S,321R,322S,323R,324S,325S,326R,327S,328R,329S,330S,331R,332S,333R,334S,335S,336R,337S,338R,339S,340S,341R,342S,343R,344S,345S,346R,347S,348R,349S,350S,351R,352S,353R,354S,355S,356R,357S,358R,359S,360S,361R,362S,363R,364S,365S,366R,367S,368R,369S,370S,371R,372S,373R,374S,375S,376R,377S,378R,379S,380S,381R,382S,383R,384S,385S,386R,387S,388R,389S,390S,391R,392S,393R,394S,395S,396R,397S,398R,399S,400S,401R,402S,403R,404S,405S,406R,407S,408R,409S,410S,411R,412S,413R,414S,415S,416R,417S,418R,419S,420S,421R,422S,423R,424S,425S,426R,427S,428R,429S,430S,431R,432S,433R,434S,435S,436R,437S,438R,439S,440S,441R,442S,443R,444S,445S,446R,447S,448R,449S,450S,451R,452S,453R,454S,455S,456R,457S,458R,459S,460S,461R,462S,463R,464S,465S,466R,467S,468R,469S,470S,471R,472S,473R,474S,475S,476R,477S,478R,479S,480S,481R,482S,483R,484S,485S,486R,487S,488R,489S,490S,491R,492S,493R,494S,495S,496R,497S,498R,499S,500S,501R,502S,503R,504S,505S,506R,507S,508R,509S,510S,511R,512S,513R,514S,515S,516R,517S,518R,519S,520S,521R,522S,523R,524S,525S,526R,527S,528R,529S,530S,531R,532S,533R,534S,535S,536R,537S,538R,539S,540S,541R,542S,543R,544S,545S,546R,547S,548R,549S,550S,551R,552S,553R,554S,555S,556R,557S,558R,559S,560S,561R,562S,563R,564S,565S,566R,567S,568R,569S,570S,571R,572S,573R,574S,575S,576R,577S,578R,579S,580S,581R,582S,583R,584S,585S,586R,587S,588R,589S,590S,591R,592S,593R,594S,595S,596R,597S,598R,599S,600S,601R,602S,603R,604S,605S,606R,607S,608R,609S,610S,611R,612S,613R,614S,615S,616R,617S,618R,619S,620S,621R,622S,623R,624S,625S,626R,627S,628R,629S,630S,631R,632S,633R,634S,635S,636R,637S,638R,639S,640S,641R,642S,643R,644S,645S,646R,647S,648R,649S,650S,651R,652S,653R,654S,655S,656R,657S,658R,659S,660S,661R,662S,663R,664S,665S,666R,667S,668R,669S,670S,671R,672S,673R,674S,675S,676R,677S,678R,679S,680S,681R,682S,683R,684S,685S,686R,687S,688R,689S,690S,691R,692S,693R,694S,695S,696R,697S,698R,699S,700S,701R,702S,703R,704S,705S,706R,707S,708R,709S,710S,711R,712S,713R,714S,715S,716R,717S,718R,719S,720S,721R,722S,723R,724S,725S,726R,727S,728R,729S,730S,731R,732S,733R,734S,735S,736R,737S,738R,739S,740S,741R,742S,743R,744S,745S,746R,747S,748R,749S,750S,751R,752S,753R,754S,755S,756R,757S,758R,759S,760S,761R,762S,763R,764S,765S,766R,767S,768R,769S,770S,771R,772S,773R,774S,775S,776R,777S,778R,779S,780S,781R,782S,783R,784S,785S,786R,787S,788R,789S,790S,791R,792S,793R,794S,795S,796R,797S,798R,799S,800S,801R,802S,803R,804S,805S,806R,807S,808R,809S,810S,811R,812S,813R,814S,815S,816R,817S,818R,819S,820S,821R,822S,823R,824S,825S,826R,827S,828R,829S,830S,831R,832S,833R,834S,835S,836R,837S,838R,839S,840S,841R,842S,843R,844S,845S,846R,847S,848R,849S,850S,851R,852S,853R,854S,855S,856R,857S,858R,859S,860S,861R,862S,863R,864S,865S,866R,867S,868R,869S,870S,871R,872S,873R,874S,875S,876R,877S,878R,879S,880S,881R,882S,883R,884S,885S,886R,887S,888R,889S,890S,891R,892S,893R,894S,895S,896R,897S,898R,899S,900S,901R,902S,903R,904S,905S,906R,907S,908R,909S,910S,911R,912S,913R,914S,915S,916R,917S,918R,919S,920S,921R,922S,923R,924S,925S,926R,927S,928R,929S,930S,931R,932S,933R,934S,935S,936R,937S,938R,939S,940S,941R,942S,943R,944S,945S,946R,947S,948R,949S,950S,951R,952S,953R,954S,955S,956R,957S,958R,959S,960S,961R,962S,963R,964S,965S,966R,967S,968R,969S,970S,971R,972S,973R,974S,975S,976R,977S,978R,979S,980S,981R,982S,983R,984S,985S,986R,987S,988R,989S,990S,991R,992S,993R,994S,995S,996R,997S,998R,999S,1000S |                      |        |
| <b>Structure</b>   |   |                      |        |
| <b>Batch No.</b>   |   | <b>Lot No.</b>       | NA     |
| <b>Expiry Date</b>   |   | <b>Revised Date</b>  |        |
| <b>Mol. Formula</b>  | C <sub>21</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub>   | <b>Molecular Wt.</b> | 412.43 |
| <b>Pack Size / Storage Conditions / Handling and Safety Conditions</b> | 250 mg, 25 °C, 60% RH, sealed container   |                      |        |

| Test                   | Result                |
|------------------------|-----------------------|
| Appearance             | -                     |
| Solubility             | -                     |
| <sup>1</sup> H-NMR     | Conforms to structure |
| MASS                   | Conforms to structure |
| Chromatographic Purity | >90%                  |

**Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.**

|                  | Prepared By | Checked By | Approved By |
|------------------|-------------|------------|-------------|
| <b>Signature</b> |             |            |             |
| <b>Date</b>      |             |            |             |

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