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on Drugs and Therapeutics

COMPARISON CHART: Interleukin (IL) Antagonists and Oral JAK Inhibitors for Moderate to Severe Atopic Dermatitis

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INTERLEUKIN (IL) ANTAGONISTS AND ORAL JAK INHIBITORS FOR MODERATE TO SEVERE ATOPIC DERMATITIS

Drug/Formulations	Class	Indication	Efficacy at 16 Weeks ¹	Usual Dosage	Cost ²
Dupilumab – Dupixent (Sanofi/Regeneron) 200 mg/1.14 mL, 300 mg/2 mL prefilled pens, syringes	IL-4 and IL-13 inhibitor	≥6 months old with disease not adequately controlled with topical therapy	With topical steroid (adults): IGA response rate: 39% EASI-75: 69% (package insert)	≥6 yrs and ≥60 kg: 600 mg SC, then 300 mg SC q2 wks 6-17 yrs and 30-59 kg: 400 mg SC, then 200 mg SC q2 wks 6-17 yrs and 15-29 kg: 600 mg SC, then 300 mg SC q4 wks 6 mos-5 yrs and 15-29 kg: 300 mg SC q4 wks 6 mos-5 yrs and 5-14 kg: 200 mg SC q4 wks	\$12,579
Lebrikizumab – Ebglyss (Lilly) 250 mg/2 mL prefilled pens, syringes	IL-13 antagonist	≥12 years old (and ≥40 kg) with disease not adequately controlled with topical therapy	With topical steroid: IGA response rate: 41% EASI-75: 70% (JAMA Dermatol 2023; 159:182)	≥12 yrs: 500 mg SC at wks 0 and 2, then 250 mg SC q2 wks (250 mg SC q4 wks if adequate response at wk 16)	21,000
Tralokinumab – Adbry (Leo) 150 mg/1 mL prefilled syringes; 300 mg/2 mL auto-injectors	IL-13 antagonist	≥12 years old with disease not adequately controlled with topical therapy	With topical steroid: IGA response rate: 39% EASI-75: 56% (Br J Dermatol 2021; 184:450)	12-17 yrs: 300 mg SC wk 0, then 150 mg SC q2 wks ≥18 yrs: 600 mg SC wk 0, then 300 mg SC q2 wks (300 mg SC q4 wks if <100 kg and clear/almost clear skin at wk 16)	12,208
Nemolizumab – Nemluvio (Galderma) 30 mg/mL prefilled pens	IL-31 antagonist	≥12 years old with disease not adequately controlled with topical therapy	With topical steroid +/- calcineurin inhibitor: IGA response rate: 36-38% EASI-75: 59% (Lancet 2024; 404:445)	≥12 yrs: 60 mg SC at wk 0, then 30 mg SC q4 wks (30 mg SC q8 wks if clear/almost clear skin at wk 16)	13,356
Abrocitinib – Cibinqo (Pfizer) 50, 100, 200 mg tabs	JAK Inhibitor	≥12 years old with disease not controlled with other systemic drugs	100 mg/day with topical therapy: IGA response rate: 37% EASI-75: 56% (NEJM 2021; 384:1101)	≥12 yrs: 100 mg PO once/day (200 mg once/day can be considered if adequate response not achieved)	18,501
Upadacitinib – Rinvoq (Abbvie) 15, 30 mg ER tabs	JAK Inhibitor	≥12 years old with disease not controlled with other systemic drugs	15 mg/day with topical therapy: IGA response rate: 40% EASI-75: 65% (Lancet 2021; 397:2169)	≥12 yrs and ≥40 kg: 15 mg PO once/day (30 mg once/day can be considered if <65 yrs and adequate response not achieved)	21,271

1. IGA response rate = an improvement in the score on the clinician-rated Investigator's Global Assessment (IGA) scale from 3 to 4 (signifying moderate or severe disease) at baseline to 0 or 1 (signifying clear or almost clear skin). EASI-75 = ≥75% improvement in the Eczema Area and Severity Index (EASI) score.

2. Approximate WAC for 3 months' treatment at the lowest usual adult dosage. WAC = wholesaler acquisition cost or manufacturer's published price to wholesalers; WAC represents a published catalogue or list price and may not represent an actual transactional price. Source: AnalySource® Monthly. February 5, 2026. Reprinted with permission by First Databank, Inc. All rights reserved. ©2026. www.fdbhealth.com/policies/drug-pricing-policy.